



DX NEWS

The magazine of the
National Radio Club

— SINCE 1933 —

Volume 57, No. 9- Monday, Dec. 4, 1989 (ISSN 0737-1659)

Inside ...

2 .. AM Switch
3 .. DDXD-E
10 .. DDXD-W
City Quiz

11 .. IDXD
NRC Finances
12 .. CKO Demise
14 .. UnID to ID
16 .. Answer Man
17 .. WIMG Off

18 .. Bandscans
19 .. Radio on the Road
20 .. Musing
New FCC and AM
21 .. Solar Static
22 .. Help with Addresses

**Watch this space
next week for
CPC tests -
coming soon!**

From the Editor ...

Yep, Wayne sez that NRC members are sending the Colorado CPC machine stamps at a record pace. A complete report will be forthcoming next week.

Thanks to the efforts of Ernie Wesolowski, the club is \$30 richer as the result of Ernie producing six tapes of the Topeka convention (@ \$15 each) and turning the profits back into the club. Thanks to Ernie for both shooting the video and then copying it.

Speaking of money, take a few minutes to study the financial statement on page 11, prepared by NRC treasurer Dick Truax. It reveals that the NRC is financially quite strong and has enough cash flow to continue to finance money-making projects, such as the *NRC AM Log*, all of which continue to hold dues to a reasonable level.

Eric Bueneman reports that NRC member Bill Alisauskas was injured in an auto accident on October 31, suffering a dislocated hip and causing him to remain in traction for some 10-12 weeks. Get well, Bill!

DX'ing conditions continue unsettled, due to fluctuating auroral conditions ... one night all stations to the northeast will have disappeared, but the next they're back in full force. Check each night to see what's going on. I've actually picked up a number of new stations

here (yes, I *do* DX occasionally!)

DXChange ... Sid Steele - 2408 4th St. - Charleston, IL 61920 would like to sell some of his old copies of *DX News*, all complete volumes: V. 45 (1977-8 through V. 53 (1985-6). He is asking \$4 per volume or \$30 for the lot, including shipping. He'd prefer to sell the lot as a unit but would sell individual volumes. (He says his wife doesn't care how he sells them, as long as they sell, hi!)

Don't forget the "skip" between #11 and #12 ... the deadline here for #11 is Dec. 9 and for #12, Dec. 23. #11 will be published on Dec. 18 and #12 on Jan. 1.

DX Time Machine

From the pages of *DX News*

Twenty-five years ago ... from DXN #9, November 28, 1964: Mike Tilbrook, Pittsburgh, PA bought a new HQ-100 for \$100 and improved his DX, receiving his fifth Puerto Rican: WPR-990 ... Bob Kelley, Milwaukee, WI picked up state #43 with KWYO ... Charles Reh, Leamington, ON picked up XEABC-760, Los Reyes, México ... Hank Tyndall, Burlington, VT claimed verie #6,400 in his 42nd year of DX'ing ... John Johnson, Hoboken, NJ reported in for the first time in 7 years, mentioning that his rx was an army surplus BC-1004 Hammarlund ... and Russell J. Edmunds, Syracuse, NY filled his Musing with answers to questions from members!

Ten years ago ... from DXN #9, December 17, 1979 ... Rob Kramer, Chicago, reported KFQD-750 Anchorage on 11-23 and recommended 0120-0450 as the best time for hearing them ... Neil Kazaross logged OBZ4N-880 Perú on 11-26, ID at 0627 ... Jack Parks, Hamlet, NC reported the impending CP for 550 kHz to serve Pinehurs-Southern Pines ... Doug Allen, Schenectady, NY had moved to a house and was using an SPR-4, 150 feet of wire, and a Palomar Loop to snag the likes of Guadeloupe-640 and R. ABC, R. Horizonte, and R. Perija, all on 540 ... Ernie Wesolowski, Omaha, NE reported on his trip to Iceland, saying that DX was very poor the first five days due to the Aurora ... and 17-year-old David Margritz, Omaha, NE reported 532 heard, 191 verified, and asked for help in verifying KNIX.

THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB

AM Switch

Jerry Starr

c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and NRC members

CALL LETTER CHANGES

| Old call: | New call: | Old call: | New call: |
|------------------------|-----------|-------------------------|-----------|
| 1130 KVOI TX Edna | KTMR | 1480 KLEO KS Wichita | KCSN |
| 1290 KCUB AZ Tucson | KIIM | 1550 KOKA LA Shreveport | KVKI* |
| 1300 WSSG NC Goldsboro | WFXN* | WSES NC Raleigh | WCLY* |
| KHUG OR Phoenix | KDOV* | 1570 CKTA AB Taber | CFEZ* |
| 1390 WJLF NY Syracuse | WFBF* | | |

Notes on calls: WSSG change corrects original FCC report that new call was WFJN, a call still in use in Findlay, OH. KHUG change reflects the move of KDOV's call and programming from 1230 kHz. WJLF-1390 was a call change set aside and never used. KVKI-1500 corrects a typo which gave new call as KLVK. WSES-1500 change to WCLY was another of those changes never reported by the FCC, took place months ago and confirmed by the station. CKTA-1570 change reported by our source as CFUZ, but CFEZ is confirmed by monitoring and the station.

APPLICATIONS FOR NEW STATIONS

None

GRANTS TO NEW STATIONS

1110 AZ Tucson Estates: 5000 D3 (previously reported, corrects frequency)

APPLICATIONS FROM EXISTING FACILITIES

750 WNDZ IN Portage: power to 17000 watts
1010 WXTL FL Jacksonville Beach: day power to 25000 watts, add 10000 watts nights, antenna to U4, city of license to Baldwin, FL

GRANTS TO EXISTING FACILITIES

640 WBMX MI Zeeland: changes in antenna system (new station not on)
730 KKDA TX Grand Prairie: antenna to U2 (see fulltime grant last issue)
920 WTTM NJ Trenton: day power to 1400 watts
1170 WAVS FL Davie: antenna to U2
1260 WBUD NJ Trenton: night power to 2500 watts, antenna changes
1530 KGTX TX Georgetown: day power to 10000 watts (990 CH) D3, city of license to Creedmore, TX
1600 KSSA TX Plano: city of license to Cockrell Hills, TX, former synchro operation now licensed as regular night XR site

OTHERNESS

760 KNCI KS Overland Park: new station is testing ON THE AIR using this call. Since this facility is now operational we expect the move of KCCV here from 1510 kHz to be imminent. It is still unclear if they will bring the KCCV call to 760 but we'll all know soon.
1180 WMYT NC Carolina Beach: new station should be ON THE AIR by the time this reaches you
1230 KSJK OR Talent: silent station expected to return in December 1989
1260 KTEE ID Idaho Falls: station is SILENT
1280 WWTC MN Minneapolis: incorrectly listed in Log as KWTC
1470 CKO PQ Pointe Claire: station declared bankruptcy and went SILENT on 11-10, move to 650 kHz is off also
1480 CHRD PQ Drummondville: station is SILENT and assets are being sold to satisfy debts

THANKS to these members for their contributions: ANDY RUGG, CHARLES REH, WAYNE HEINEN, DICK TRUAX, GEORGE VANISH, DAVE HASCALL and KEN BUTTERFIELD

73 and Good DX, *Jerry & BKF* Jerry Starr & Buffalo K. Foonman

Domestic DX Digest - East

William Hale

734 Burleson
San Marcos, TX 78666

DX Catches in the Eastern U. S. and Canada, with 24-hr. ELT

MEDIUM WAVE ramblings

■ An excellent turnout again this week. It doesn't matter if you've got one item of interest or a couple of pages (oh, my aching fingers), send them in.
■ Once again I must remind everyone to use Eastern Time in a 24 hour format when reporting. Also, date and time info is imperative in your reports. If you don't report that data, the logging won't reach these pages. Also, please try to make your reports look as close as you can to the way the column is laid out. That saves me a whole lot of time not having to scan each logging for the info. When there are over 200 items to type up, this sure makes things easier. Thanks in advance!!
■ I have checked all Graveyard DX loggings that have appeared in DDxD-E & DDxD-W in the past five issues. A few new records have been achieved, and appear toward the end of the column.

WHIT-WWQM/FM

P.O. Box 4408
5024 East Lacy Road
Madison, Wisconsin 53711

SPECIAL

540 WRIC VA RICHLANDS - started 24 hour operations on 11/1; format change to OLD took place on 10/28; new FM signed on 11/1 with old AM format of CHR; former sign-off was 2300; late night DXers listen close for this one because I would like to see someone somewhere catch it; I've NEVER seen it listed since I've been a member, despite their fantastic signal; this is one of my locals (only 3 miles away) so it's kind of special (BES-VA)
770 KPBC TX GARLAND - 10/21 1000 and throughout the day; testing from new tower site with continuous VIDs: KPBC, Garland, Dallas, Ft Worth, testing on 770 kHz; noted QC most days since, though no VIDs heard; 4 towers visible from bridge near my home, though they're about 10 miles north of QTH; target date unknown, no mention on current 1040 frequency of pending move (WW-TX)
830 WNYC NY NEW YORK - move to 820 kHz (U4 50000 10000) scheduled for January, 1990; per Glenn Hauser's World of Radio (BH-NJ)
880 WCBS NY NEW YORK - 10/17 2215-2300 with coverage of SF earthquake complete with relay of sister station KCBS with callers phoning in from hard-hit areas (MS-ON)
1030 WNTL MD INDIAN HEAD - 11/9 1650-1700 format now Washington's International Sound Lite rock by Billy Joel, etc; strong over WBZ (GV-PA) [New CLs, too?-Ed.]
1135 WSAO MS SENATOBIA - 11/6 1857 5 kHz off norm; strong but with distorted carrier; ID: Serving northwest Mississippi, this is WSAO AM-1140, Senatobia; then cut carrier at which time a strong OC appeared on 1140 over WRVA; may have been on poorly maintained aux XR & switched back to main after sign-off for testing (CR-ON)
1330 WFIN OH FINDLAY - still using this call as of 11/9; AMS & Broadcasting reports of this call going to WSSG-1300 Goldsboro, NC are either FCC typo or a super goof on their part if WFIN actually assigned to 1300 (they've been known to assign the same CLs to different stations in the past) (CR-ON) (Yup, my Log shows WFIN at Findlay (original entry when printed) and at Goldsboro. Anyone in NC hear 1300 in Goldsboro?? What CLs are they usin'?-Ed.)
1420 WIMS IN MICHIGAN CITY - 10/30 0940-10/31 1832 off completely with XR problems, still using tubes; getting a new 5kw XR with stereo capability but will not be using \$ 'til all other equipment is compatible; hrd KIXT SSS in its absence; WIMS returned around 1830 on 10/31; off 31 hrs minus normal 2300-0500 SP (WPF-IN)
1480 KDBN TX DALLAS - new tower site under construction in southeast Dallas county; no testing yet, this will be a site move, not a frequency change (WW-TX)
1540 KSGB TX DALLAS - night signal now heard in Garland with good strength so must be on from new site near Kaufmann, Texas; also noted Dallas as lead city in ID, though stn was supposed to "move" to University Park; studio location still in Dalworthington Gardens, TX (near Arlington) and mailing address still a P.O. Box in Dallas (WW-TX)
1570 WMNN IL HARVEY - 10/23 1528-1600 noted with financial & other nx via The Money Radio Network; IDs with Chicago; Sun-Times sez eventually 24 hrs, but for now is M-F 0700-1700, jazz mx 'til sign-off and now & then during the weekends; ex:WBEE (WPF-IN)

UNIDS AND UNIDS ID

- 530 TICAL CR CARTAGO - Radio Rumbo is probably Shawn Axelrod's unID of 10/16 (Issue 5) (CR-ON)
- 770 UNID ?? -11/4 0625 with CLA mx mixing with KKOB; faded @ 0630; no ID hrd; is this KUOM?? (SA-MB)
- 820 WXEZ IL CHICAGO - sounds like Shawn Axelrod's unID of 10/16 (Issue 5); runs NSP (CR-ON)
- WXEZ IL CHICAGO - this is probably Shawn Axelrod's unID on 10/16; format & ESE looping seem to fit the description; this usually shows up around 2 hours before LSS most every night (RD-IA)
- 830 WXEZ IL CHICAGO - most likely is SA-MB's unID of 10/16, Issue 5 (WPF-IN)
- UNID ?? -11/6 0115-0130 with instrumental mx, piano, piano with guitar; ID as Radio Savannah (or Havana, was dozing at the time) in SS, then SS mx & Loz Music Habana (DT-ON) [Probably TaiRo-Ed.]
- 1180 WJJN IN NEWBURGH - this is probably Shawn Axelrod's unID of 9/24; WJJN has the slogan Cool 1180, which seems right for an EZL format (RD-IA)
- 1210 UNID ?? -11/5 0655 poor with Fred Sanders Show, fading in & out; no ID hrd @ 0700 (SA-MB)
- 1300 UNID ?? -10/21 0626-0632 nicely atop WFBR with country-style GOS mx, ad for carpet installer in Milton(?); ad for McCall Barbeque & Seafood, Easy to find at the intersection of 70E & 111; ad for Deacon Jones Lincoln-Mercury; back to country-style GOS; thought this was WNGM by the landmarks, but they wrote to say it wasn't them (BH-NJ)
- 1340 UNID ?? -11/5 0555 poor with promo for calling in news tips to the Wiz? the WI_ callsign (SA-MB) [WIZE-OH? - Ed.]
- 1370 UNID ?? -11/8 0635 fair with The Information Station for the High Plains, 1370 K(AKW?); central time, Billy Joel mx (SA-MB)
- 1400 UNID ?? -11/8 0652 poor with wx in F; ID as AM 1400 & FM 1-0-5, then faded (SA-MB)
- 1440 WNFL WI GREEN BAY - could be SA-MB's unID of 9/19, Issue 3, as they simulcast Oldies off satellite with WKFX 104.9 FM, Kaukauna (WPF-IN)
- UNID ?? -10/30 0138-0140 over/under KEWI with Fred Sanders & IRN (RD-IA)
- 1459.7 WJYA GA BUFORD - 11/5 1715 still running about 300 Hz low; finally able to split off from 1460 to get enough audio to ID; had MoYL-type format (Bros Four, Brenda Lee, Guy Mitchell) & a PSA for Gwinnett County Senior Services which needs volunteers to deliver noon-time meals to elderly shut-ins; if you're interested call Becky Roper @ 982-1457; has been off frequency for months and with the het they cause @ SSS it seems strange there haven't been more reports on this one; my unID of August (Vol 56 Issue 30) (CR-ON)
- 1530 UNID ?? -10/24 0242-0301 testing with C&W mx; looped E-W; over/under WCKY & Talknet; no IDs & gone completely @ 0301 (WPF-IN)
- 1580 UNID ?? -11/11 0810 poor with Manic Monday by the Bangles, then non-ID by female: Alternative Radio 1580, W SX or FX or? (SA-MB)

DX/EQUIPMENT TESTS

- 720 WGN IL CHICAGO - 10/29 0120 EDT-0550 EST off completely, but nothing else noted (WPF-IN)
- 860 KLZX UT SALT LAKE CITY - 11/10 0625 good with This is 860 KLZX, Salt Lake City- Ogden-Provo performing a test on its transmitter, please stand by repeated several times along with TTs for about 20 minutes (SA-MB)
- 890 WLS IL CHICAGO - 11/12 0218-0600+ completely off, but morning board work @ WEFMM kept me from pursuing DXzzzzzz (WPF-IN)
- 1010 WYST MD BALTIMORE - 11/6 0330-0400 tentative, way under WINS with CHR & Oldies (Miami Sound Machine, Dion & the Belmonts); too weak to hear any announcements (BH-NJ)
- WYST MD BALTIMORE - 11/6 way under CFRB; hrd parts of Wake Up Little Susie @ 0355 and perhaps Twist and Shout @ 0358; from these song titles, can anyone confirm or debunk that I hrd WYST? (RUGG-PW) [Update from last week-Ed.]
- WYST MD BALTIMORE - 11/6 not hrd under strong CFRB/WINS (KDF-IL)
- WYST MD BALTIMORE - 11/6 0330 per letter from station, I did not hear their test; was probably CFRB (BH-NJ)
- 1440 WEZJ KY WILLIAMSBURG - 11/7 0530-0536 fair with TT & freq check anncts; this is the 3rd freq I've heard from KY alone since August (RD-IA)
- 1530 WCKY OH CINCINNATI - 11/6 0242 noted off (WPF-IN)

TIS & OTHER

- 530 CFYZ ON PEARSON INT'L AP-TORONTO (Mississauga) - gives airlines operating out of terminals 1 & 2, plus parking info; ann as KFYZ; in here most days over CJFT; must be low power as a sign on hwy to AP says to tune to 530 (DT-ON)

MIDNIGHT TO MIDDAY

- 540 KDFT TX FERRIS - 10/27 0745 fair with ID after mx; #5 on 540 (RD-IA)
- 550 WJMW PA BLOOMSBURG - 11/11 0632-0657 good at times with local sports, music and memories 24 hours-a-day slogan-MOR/NOS mx (BH-NJ)
- 600 WKLV KY PAINTSVILLE - 11/3 0602 with full-info sign-on giving power as zero point five kilowatts; 5Kw CP apparently not on yet; fair over CFCH with WTAC (which had sign-on @ 0600) nullled; 1st catch on 600 since 10/20 74 and KY #130 (CR-ON)
- 630 KHOW CO DENVER - 10/27 0731-0733 with wx, traffic & sports; many K-How IDs; weak under KSLR (RD-IA)
- KSLR TX SAN ANTONIO - 10/22 0730 good with GOS mx & ID: What a difference... San Antonio's Christian Radio, Sonlight 63, KSLR; I 1st logged this about 7 years ago when it was KMAC (RD-IA)
- CFCO ON CHATHAM - 10/21 0817 with wx (4C)+jx ID & song by Billy Joel; fair in XEFB null (RD-IA)
- 680 CJOB MB WINNIPEG - 11/10 0025 with sports rpt, ID, soft mx pgm @ 0030, wx @ 0040; fair with some WMAQ splatter; 1st-timer (KDF-IL)
- 740 CBL ON TORONTO - 11/6 0459 XLNT with sign-on (RD-IA)
- 790 KURM AR ROGERS - 11/6 0707 good with local & regional nx (RD-IA)
- 810 CJVA NB CARAQUET - 11/6 0057-0110 with FF mx & nx; poor-fair, mostly overriding WGY (DT-ON)
- 820 WRFA FL LARGO - 10/27 0800 with ID+REL pgm; fair in WBAP null (RD-IA)
- 850 CKBA AB BARRHEAD - 11/4 0750 poor with Central Alberta Radio slogan, C&W mx 11370; new and Alberta #41 (SA-MB) [1st report of this new stn!!-Ed.]
- 910 KPOF CO DENVER - 10/23 0039 good with Denver-area nx (RD-IA)
- 950 WBBF NY ROCHESTER - 10/25 0013-0017 with C&W mx, 950 Country, WBBF; fair; 2nd report for QSL (DT-ON)
- 960 KFLN MT BAKER - 11/11 0913 fair with ads for horse sale in Grand Plains, Chuck's Propane Sales & others in Baker; in CFAM null; new & MT #35 (SA-MB)
- 970 KJLT NE NORTH PLATTE - 11/11 0917 poor with REL programming, talk on life-styles by female; new & NE #28 (SA-MB)
- 990 CBW MB WINNIPEG - 11/6 0208 XLNT with sign-off (RD-IA)
- 1030 KBZR MO BLUE SPRINGS - 11/5 0630 fair with Z-Rock pgmmg; alone on freq, no RTWO; new & MO #40 (SA-MB)
- 1090 CKWW ON KITCHENER - 11/5 0036 Tri-Cities best music, AM 109; contemporary mx; Concert Connection ment; Basco? Steel ad @ 0040; 0041 AM 109 ment several times; HF-MI listed CKWW in Vol 57 Issue 3 using AM 109 slogan, so I'm sure this is it, a very good station; poor with some QRM @ times; also with WDJX & WQWE splash; also hrd on 10/22 with very poor signal (BES-VA)
- 1140 KNAB CO BURLINGTON - 11/13 0810 fair with C&W mx, Hope you're having a wonderful day & keep it right here at 1140 KNAB; new (SA-MB)
- 1180 WJJN IN NEWBURGH - 11/7 0700 strong with Cool, cool 1180 is WJJN, Newburgh, your good times oldies stn-CBS Nx (SA-MB)
- 1200 WOAI TX SAN ANTONIO - 10/22 Midnight with WOAI, Clear Channel (I didn't think there was such a thing, nowadays) Communications, San Antonio ID [that's their company-Ed.] +pgm from the Foundation of Human Understanding with Roy Masters; poor with some SS QRM slightly under and equal to at times and also some WOWO splash (BES-VA)
- WOAI TX SAN ANTONIO - 10/30 0330 XLNT with sign-off (RD-IA)
- 1220 KJAN IA ATLANTIC - 10/13 0007 good with sign-off (RD-IA)
- 1240 WRTA PA ALTOONA - 11/4 0100 fair with message from the Better Business Bureau; WRTA Altoona ID by men (MS-ON)
- 1250 CHSM MB STEINBACH - 10/30 0121-0125 good with CLA mx+ad for Buren Appliances-ID: You're listening to Radio Southern Manitoba (RD-IA)
- 1300 WLXG KY LEXINGTON - 11/4 0400 very poor with '70s CHR; mixing with WFBR (RJV-VA)
- 1330 WWRV NY NEW YORK - 11/5 0113 with Jewish programming (RJV-VA)
- WEYZ PA ERIE - 10/21 0554-0610 good in WWRV null with MoYL mx & slogans, ABC Nx, local nx (BH-NJ)
- WEYZ PA ERIE - 11/14 0115-0140 good, dominant station @ this time with MoYL mx (GV-PA)
- KSWA TX GRAHAM - 10/25 0753 fair with ad for The Oil Pit in Graham-ID (RD-IA)
- 1340 KPRK MT LIVINGSTON - 11/13 0754 fair with local ads, KPRK IDs in between, into C&W mx by The Judds; in KXPO null; new & MT #36 (SA-MB)
- WMID NJ ATLANTIC CITY - 11/5 0159 with NBC Nx above GY mush (RJV-VA)
- WMBO NY AUBURN - 11/13 0205-0220 good with fading; Oldies mx (GV-PA)
- 1350 KTXJ TX JASPER - 10/23 0056 fair with ID: The only radio station you'll ever need, AM 1350, KTXJ, Jasper-PineLand-OLD by Sugarloaf (RD-IA)
- WNVA VA NORTON - 11/10 0600 with AM/FM & Norton-Wise ID; UPI Nx; good (KDF-IL)
- 1360 KSCJ IA SIOUX CITY - 11/6 0059 XLNT with sign-off (RD-IA)
- WSAI OH CINCINNATI - 11/5 0247 with OLD mx, wx (RJV-VA)
- 1380 KCIM IA CARROLL - 10/23 0101 fair with sign-off (RD-IA)

93.9 FM
KZLA
KLAC
570 AM Stereo

KOWL
AM 1490

- 1390 KJME CO WESTMINSTER - 11/13 0800 fair with possible sign-on, but no SSB; in SS:act La Jota Mexicana, KJME, 2 Denver, Colorado; ex:KDRS, new & CO #50 (SA-MB)
- 1400 KVRP TX STAMFORD - 11/6 0233 good with C&W mx & ID:KVRP, the Voice of the Rolling Prairie (RD-IA)
- 1410 KLVQ TX ATHENS - 10/27 0720 weak with GOS mx+ID & wx (RD-IA)
- KLEV TX CLEVELAND - 10/27 0721 fair with promo for coverage of Southwest Conference FB+ID & nx (RD-IA)
- 1420 WOC IA DAVENPORT - 11/6 0127 fair with sign-off (RD-IA)
- 1440 WGEM IL QUINCY - 10/30 0159 good with sign-off (RD-IA)
- 1450 WVON IL CICERO - 11/4 Midnight atop with Larry King & ID:This is WVON, Cicero-Chicago (RD-IA)
- 1460 WENR PA TUNKHANNOCK - 11/11 0720-0734 good @ times with local ads, C&W mx, humorous We are experiencing technical difficulties routine, but no CLS noted (BH-NJ)
- 1470 WPDM NY POTSDAM - 11/11 0940-1005 fair the day after my local CKO went bankrupt & silent; had OLD mx, ads & PSAs on Wakeup Show to 1000; slogan:99 Hits FM; at 1000 had legal ID for WPDM & WSNM followed by ABC Nx (RUGG-PQ)
- 1480 WDAS PA PHILADELPHIA - 11/11 0752-0808 weak with WJIT completely off; with GOS pgm with female hostess; stn promo for helping needy families at Christmas; WDAS, bringing people together slogan; NBN Newscast @ :00; long sought; have finally hrd all of Philadelphia; WJIT popped on @ 0808 without ID or explanation (BH-NJ)
- 1490 WLFH WI LA CROSSE - 11/13 0550 fair with local ads & wx with several WLFH IDs in between; new & WI #63 (SA-MB)
- 1530 KXRQ AR TRUMANN-JONESBORO - 11/6 0701 good with ad for 1st Nat'l Bank of Poinsett County (RD-IA)
- WMBE WI CHILTON - 10/27 0709 fair with polka mx & ID:Goodtime music here on WMBE (RD-IA)
- 1550 CBE ON WINDSOR - 11/6 0459:30 fair with sign-on (RD-IA)
- 1560 WAGC AL CENTRE - 10/22 0700 fair with sign-on (RD-IA)
- KKAA SD ABERDEEN - 10/12 0559 good with sign-on (RD-IA)
- 1570 KLLA LA LEESVILLE - 10/20 0601 fair with sign-on (RD-IA)
- WRJQ WI APPLETON - 10/12 0601 good with sign-on (RD-IA)
- CFUZ AB TABER - 11/11 0835 poor with EZL mx, Environment Canada Wx, sports with attention to Calgary Flames; Easy AM ID; ex:CKTA; new & AB #42 (SA-MB)
- 1590 WAIK IL GALESBURG - 10/14 0700 fair with sign-on (RD-IA)
- WWCC PA HONSDALE - 11/11 0741-0746 with local ads, Songs you want to hear slogan+C&W mx; good in WERA null (BH-NJ)

KLUC-FM/98.5 KLUC-AM/140

P.O. Box 14805 • Las Vegas, NV 89114

MIDDAY TO MIDNIGHT

- 550 KRAI CO CRAIG - 10/29 1900-1903 fair with Denver Broncos FB (RD-IA)
- 560 WKIK KY MIDDLESBORO - 11/10 1951 ID popped thru mess; stn promo (DLH-IN)
- 600 WVAR WV RICHWOOD - 11/11 1714 with sign-off after Paul Harvey & wx; weak (HJH-PA)
- 620 KTAR AZ PHOENIX - 11/13 2200 full ID+nx with John Gibson; dominated channel; new (pls-KS)
- WHJB PA GREENSBURG - 11/8 2335-2342 with mx, WHJB wx @ 11:40, WHJB 620; poor, over/under CHYM & slight CKTB splash (DT-ON)
- KWFT TX WICHITA FALLS - 10/23 2101 fair with ID during CBS Monday Night Night FB:This is KWFT, AM 620, Wichita Falls, Texas (RD-IA)
- WTMJ WI MILWAUKEE - 11/4 2101 fair with Milwaukee Bucks BKB (RD-IA)
- 640 WGST GA ATLANTA - 11/12 1710-1735 weak, but readable; faded after 1735; call-in travel show, nx @ 1730 (GV-PA)
- WGST GA ATLANTA - 11/12 1736 fair with ID, then into phone-in show (DLH-IN)
- WCRV TN COLLIERVILLE - 11/8 1932 REL promotion, ID and telephone number; fair in Cuban null (DLH-IN)
- WCRV TN COLLIERVILLE - 11/12 1735-1745 weak with message about pornography (obviously against it); also said it gives a Christian perspective to current events (GV-PA)
- 650 WKKQ MN NASHWAUK - 11/12 1735 killer signal blasting WSM; ID, C&W mx (DLH-IN)
- 660 WVAL MN SAUK RAPIDS - 11/12 1745 local ads with St Cloud ments; C&W mx (DLH-IN)
- 670 WWFE FL MIAMI - 10/29 1750-1820 very strong with SS mx, Billboard survey, Radio FE slogan, ads for Sunny Delight, AT&T, Miami Beach Cycle Center; also hrd on 10/28, 10/31, 11/6 (GV-PA)
- 680 WCTT KY CORBIN - 11/10 2358 fair with C&W mx, NBC Nx promo, NBC Nx @ :00, wx @ 0005 (KDF-IL)
- WODZ TN MEMPHIS - 11/6 1758 good with I Know by Barbara George followed @ 1800 by legal ID:Now our call letters say what we play. [ODZ? like odz and enz? Ed.] WODZ, Memphis. Five O'Clock. I'M John Connor and Oldies 68+Supremes' You Can't Hurry Love; vanished with pattern/power change @ 1802 leaving WCTT-KY on top (CR-ON)

- 690 WVOK AL BIRMINGHAM - 11/5 2358 with C&W mx, Playing Classic Country, AM 690 WVOK ID+Hank Williams song; Midnight:We are your news and information station, AM 690, WVOK Birmingham ID+CBS Nx; very good with occasional fade; 1st time here this late, usually a SSS catch, power increase? (BES-VA)
- 720 WMYX GA LA GRANGE - 11/6 1730-1740 strong, alone after WWII sign-off; with OLDies, wx for western Georgia, eastern Alabama (GV-near Harrisburg, PA)
- 730 WPAL SC CHARLESTON - 11/6 1750-1758 fair with Blk mx, Power 73 slogan, traffic report with ad for a Mt Pleasant auto repair & machine shop (GV-near Harrisburg, PA)
- WHTC KY VANCELEVE - 10/21 1300 with REL prgmmg; 730 Vanceleve, Kentucky WHTC ID; all alone but poor with a little WPAQ splash (BES-VA)
- 740 KCBS CA SAN FRANCISCO - 10/17 2355-2358 fair under CBL with live quake reports; CA #4 (RD-IA)
- WSVQ TN HARROGATE - 11/12 1825 powerful at times, several IDs, C&W mx, no ads, only one promo during entire hour (DLH-IN)
- 780 KSPI OK STILLWATER - 10/23 1959 fair with sign-off (RD-IA)
- 790 WAKY KY LOUISVILLE - 11/12 1650 strong & mostly alone with C&W mx; True Country WKY (HJH-PA)
- WETB TN JOHNSON CITY - 11/11 1805 strong with GOS mx & several ads for church service to be held in Valley Forge that evening (HJH-PA)
- WEAQ WI EAU CLAIRE - 11/4 2200 good with ID:Continuous Country for western Wisconsin, WEAQ, Eau Claire+song by Don Williams (RD-IA)
- 800 CHAB SK MOOSE JAW - 10/18 good with Everytime You Go Away by Paul Young+ID & promo for CHAB-sponsored Hallowe'en party; no sign of CKLW (RD-IA)
- 830 KFLT AZ TUCSON - 11/6 1925 fair with 5:25 TC; running fund raiser for Family Life Radio; had on-air phone call from listener in Albuquerque, NM; gave address as:KFLT, P.O. Box 36868, Tucson, AZ 85740 **Offers from log**+promo for pgm called Open Line; WCCO rose up @ 1929 for a minute or so and when faded down again, KFLT was gone; probably cut power @ 1930 (CR-ON)
- WADU LA LA PLACE - 11/11 1745-1800 weak, but little QRM; Dinner hour EZL mx, ads for Royal Restoration, Cinema 8; no sign of any northern stations (GV-PA)
- KBOA MO KENNETT - 10/18 1929 with sign-off; good in WCCO null (RD-IA)
- WWMO NC EDEN - 11/10 1919 C&W mx, then to Panthers HS FB simul with WEDE-1130; killing WCCO before the Cuban signed on (DLH-IN)
- 860 WSON KY HENDERSON - 10/19 2138 fair with ID:Back-to-back music on WSON+song by The Warblers (RD-IA)
- 870 WGTL NC KANNAPOLIS-CONCORD - 11/12 1700 very strong with Word for Today from Unity feature; has OLD mx (HJH-PA)
- 880 KGHT AR SHERIDAN - 10/18 1924-1932 good with mx from Ronnie Milsap & The Bellamy Bros+promo for The Hall of Fame Special+ID:Good to have you aboard, this is KGHT, Sheridan; over/under KRVN (RD-IA)
- 900 WKDW VA STAUNTON - 11/4 1956 with TC, song Let It Be You, nx, mention of Waynesboro, wx mentioning downtown Staunton, ID & back to mx; fair in CHML null (MS-ON)
- 930 KRIA TX TERRELL HILLS - 11/12 2300 with Cool Gold satellite oldies mx, with local Cool Gold, AM 930 drop-ins; full ID @ 2300 (pls-KS)
- 940 WCPC MS HOUSTON - 11/11 1800 ID, then into nx, under a Canadian (HJH-PA)
- WGRP PA GREENVILLE - 10/14 1845 fair with sign-off announcements (MS-ON)
- 950 WBBF NY ROCHESTER - 10/13 2354 fair with C&W mx, ID @ 0001 as:950 Country, WBBF Rochester (MS-ON)
- 970 WAVG KY LOUISVILLE - 10/13 2200 with ID:This is wave 970, WAVG Louisville; fair in WEBR null (MS-ON)
- 990 KTKT AZ TUCSON - 10/30 1950-1955 with city & state nx, Tucson traffic ✓; fair under XET (RD-IA)
- WIVK TN KNOXVILLE - 11/5 1754 fair with end of Autoworks 500 NASCAR race from Phoenix on NRN Radio, list of sponsors, truck leasing company ad, promo for WIVK advanced radar weather for Knoxville & Eastern Tennessee; ID:AM 990, WIVK, Knoxville, Eastern Tennessee's sports leader (MS-ON)
- KGTM TX WICHITA FALLS - 10/26 1948 good with song Eres Tu+ID:Relax with Easy 990, KGTM+medley by The Lettermen; 1st time hrd in over 3 years (RD-IA)
- 1000 WZTN AL MONTGOMERY - 10/30 1850 poor with GOS mx, talk; off @ 1915, no anmt heard (RJV-VA)
- KKMX CO HAYDEN - 11/5 with AM-FM ID during Broncos postgame show; fair under KTOK (RD-IA)
- WJHH GA SOPERTON - 10/30 1821 fair with Armada Lane Show, C&W mx, ads, wx; sign-off @ 1858 after anmt & SSB (RJV-VA)
- WLUP IL CHICAGO - 11/3 2009-2030 end of BKB postgame show, local ads, sports show; medium+fair; 2nd report for QSL (DT-ON)
- WRAR VA TAPPAHANNOCK - 10/30 1719 fair+poor with numerous ads, sports nx @ 1728; abrupt sign-off @ 1732 after AM/FM ID; no sign-off anmt per se (RJV-VA)

8

1020 WJEP GA OCHLOCKNEE - 11/6 1745 weak with sign-off (RD-IA)
 WCIL IL CARBONDALE - 11/5 1745 good with sign-off (RD-IA)
 1030 WNVN IL VERNON HILLS - 10/18 1915 weak with sign-off (RD-IA)
 1040 WQBB TN POWELL - 11/6 1720 fair+poor with nx, wx, traffic, a little MoYL; sign-off @ 1730 after anmt telling listeners it will return @ 7:15 AM (RJV-VA)
 WJOR TN ST JOSEPH - 11/6 1730 fair+poor with Family Affair Shopper; faded under WHO & R. Moscow via Cuba @ 1739 (RVJ-VA)
 1050 WNTR MD SILVER SPRING - 11/12 1747 ID:NewsTalk 1050 heard (HJH-PA)
 KMBA NM ALBUQUERQUE - 10/23 2151 with ID & programming from BRN; over/under XEG & Albuquerque #7 (RD-IA)
 WEVD NY NEW YORK - 11/4 2046-2102 with NHL Islanders vs Red Wings HKY, local ads, sports scoreboard; finally heard man say WEVD New York @ 2102; Lynch in CHUM null (MS-ON)
 WBRG VA LYNCHBURG - 11/12 1740 ID then wx report; weak thru many others (HJH-PA)
 1060 WMCL IL MC LEANSBORO - 11/6 1742 fair with sign-off (RD-IA)
 TX GILMER - 11/6 1814 good with sign-off (RD-IA)
 1140 WIXC AL HAZEL GREEN - 11/11 1745 with string of ads, sign-off with Dixie in background; does anyone know if they moved their XR here from Fayetteville? (KDF-IL)
 WONQ FL ORLANDO - 11/8 1730 alone after WQBA power cut; uptempo SS mx followed by sign-off & legal ID @ 1733 all in SS; no SSR; FL #155 (CR-ON)
 WVLE IL PEKIN - 11/6 1744 fair with sign-off (RD-IA)
 WRVA VA RICHMOND - 10/19 2101-2105 very good with Virginia & Richmond nx (RD-IA)
 1200 WBZY PA NEW CASTLE - 10/24 2037-2042 with Memories of WBZY, local ads; good; 2nd report for QSL (DT-ON)
 1210 KOKK SD HURON - 11/12 1735 with Dakota Country News, C&W mx, local ads & contest promo; fair+good in WCAU null (KDF-IL)
 1220 CJOC AB LETHBRIDGE - 10/16 2019 with promo for CJOC Classic Country Contest+song; fair in KJAN null & Lethbridge #2 (RD-IA)
 1240 WCBY MI CHEBOYGAN - 11/7 1807 fair with sports from ABC-Information Net, WCBY Weather by female, & Your station for memory music, WCBY (MS-ON)
 1270 CFGT PQ ALMA - 11/7 2100 with nx in FF, then into Radio Mutuel talk pgm#CJMS-1280; fair in WXYT null (MS-ON)
 1280 WANS SC ANDERSON - 11/10 1841 fair at times with ID and 107 FM ments; Rolling Stones contest promo (DLH-IN)
 1290 WBNF NY BINGHAMTON - 11/3 2308-2330 with talk show, local ads; poor+fair; CJBK QRM; 2nd report for QSL (DT-ON)
 WATO TN OAK RIDGE - 11/3 2105-2110 strong, but quickly faded; HS FB (Oak Ridge vs Morristown West), ad for Pinch-a-Penny during time out (GV-PA)
 KIVY TX CROCKETT - 10/20 2203 with HS FB postgame show; ments of Buffalo, Elkhart & Grapeland; good in KOIL null (RD-IA)
 1310 CHRO ON PEMBROKE - 11/6 2339-2400 with CHRO news ahead; semi-C&W mx, female annr; when did they move to this frequency? [Dunno. My log still has them on 1350, and shows no relays on 1310. Maybe a new relay??-Ed.] (DT-ON)
 1320 WQIK FL JACKSONVILLE - 11/9 1906 ID just above the pack+unID Florida college sports pgm (DLH-IN)
 1330 KNOW MN MINNEAPOLIS - 11/8 2156 good with CBC's As It Happens pgm, CBC ID+AP Radio Net ID; local wx @ 2158 (SA-MB)
 KGAK NM GALLUP - 10/23 2043 weak with ID:You're listening to Gallup's country favorite, 1330 KGAK+song by Dolly Parton (RD-IA)
 WEYZ PA ERIE - 11/9 2200 poor with ID @ :00, then lost; good later in evening (DLH-IN)
 WBTM VA DANVILLE - 11/5 1658 fair with wx, WBTM Danville ID+Dick Clark's Rock, Roll, & Remember (MS-ON)
 1340 WLVL NY LOCKPORT - 11/3 1815 atop the jumble with a a win a free birthday party thing that had something to do with Freeport Industries in Brockport, NY+a WLVL Niagara SID followed by TLK pgm with Sonny Block (CR-ON)
 1380 WNRI RI WOONSOCKET - 11/2 1809 ending wx, then into pre-recorded talk pgm; very strong (HJH-PA)
 1390 WMPO OH MIDDLEPORT - 11/5 1645 with You're country music station 24 hours-a-day (HJH-PA)
 1400 CKCB ON COLLINGWOOD - 11/3 1805-1820 good with fading; CHR including CKBB/CKCB 6-pack of 6-most requested songs; ads for Barrie businesses (GV-near Hazelton, PA)
 1410 WDOE NY DUNKIRK - 10/31 2155-2206 with mx, CBS Nx, local sports; poor; 2nd report for QSL (DT-ON)
 KNAL TX VICTORIA - 11/4 2040 fair with Victoria vs Corpus Christi HS FB+ad for local business; #5 from TX on 1410; CLA mx noted underneath... whodaf? (RD-IA)
 1420 WCED PA DU BOIS - 11/12 1818 with wedding contest promo; poor under KTOE (KDF-IL)

9

1440 WJLJ NY NIAGARA FALLS - 10/27 2044-2056 with sports, local FB game; poor, but at 55 WOK [??-Ed.] (almost every night, too); 2nd report for QSL (DT-ON)
 1450 WCEV IL CICERO - 11/3 2200 on top with mandolin mx & legal ID by female:This is WCEV, 1450-AM, Cicero, IL. WCEV, Chicagoland's Ethnic Voice; then a male annr with It's 39°, that's 4 °, at 9 O'Clock. This is WCEV News from the wires of the Associated Press; everything heard was in EE (CR-ON)
 1460 KGGG IA DES MOINES - 11/8 2258 good with local ads for car dealer & KGGG ID @ :00; no KSO ID heard [see past issues for CL change notice & loggings-Ed.] (SA-MB)
 WWNG NY ROCHESTER - 11/1 2126-2135 with REL tlk, nx; poor, under CJOY (DT-ON)
 1470 WSRO MA MARLBOROUGH - 11/11 1625 with PSAs & ID, followed by vocal mx to ID @ 1630; fair thru WLAM/WTOK; resurgent thru CHOW @ 1705-1709 with WSRO News; my 1st new 1470 logging in the wake of CKO's silence (RUGG-PQ***)
 WTKO NY ITHACA - 11/7 1657 with C&W mx, promo for local election coverage; good in CHOW null (MS-ON)
 1500 WLQV MI DETROIT - 11/4 2243-2300 with REL mx, battling with with WTOP; poor (DT-ON)
 1520 WTCV KY GREENUP - 11/6 1655 with SID:Smack dab in the middle of gospel country, WTCV+GOS mx and @ 1701 and almost legal ID:The Christian Voice for Portsmouth, Ashland, Greenup. WTCV AM-1520; may have had things jumbled up but at least they had CL & city of license; Log shows this as in Central time zone, but should be Eastern [There are quite a few of those "Zone Errors"-Ed.] (CR-ON)
 1550 KUAT AZ TUCSON - 10/19 2059 weak with sign-off (RD-IA)
 KQXI CO ARVADA - 10/18 2032 good with ID & ContChr mx (RD-IA)
 1580 KQBC IA DAVENPORT - 11/13 1656 fair with GOS mx & REL pgm with address for VCR tape in Corpus Christi, Texas; new (SA-MB)
 KOKB OK BLACKWELL - 10/23 2205 fair+good with sign-off (RD-IA)
 1600 WZQB GA WARNER-ROBINS - 11/3 1940-2010 good, no pesty WWRL; relay of WRBN-FM, Power 102; CHR mx, listeners could vote for favorite songs @ 929-HITS; ads for Front Row Video, Budget Auto, Castaways Apts (GV-PA)
 KSSA TX PLANO - 11/8 1825 on top with SS ROK & ad for a something-or-other in Dallas+a song either called or by International Boardroom 'til 1829 power cut (CR-ON)

17, COUNT 'EM, 17 REPORTERS:

CR-ON CHARLES REH//Leamington, ON//R-390A, S-40A, Sanserino Loop, 40" phased loop, Realistic TR-3000 open reel-to-reel
 MS-ON MORRIS ROSENSEN//Port Carling, ON//HQ-150/ICF-2010 + SM-2, MacKay Dymek DA-9 ferrite loop
 SA-MB SHAWN AXELROD//Winnipeg, MB//R-70 + 3' box loop/100' LW + Mini-Tun-3 (2 reports)
 BH-NJ BOB HARRISON//Union, NJ//Superadio (2 reports)
 RJV-VA ROBERT VANCE//Ft Belvoir, VA//R-390/A
 RD-IA RICK DAU//Oakland, IA//R-1000 + RW Loop + 6-pak of Pepsi on MMs
 DT-ON DON TRELFORD//Scarborough, ON//DX-440 + 35' E-W LW
 WQ-TX WALLY WAWRO//Garland, TX//
 pls-KS PAUL SWEARINGEN//Totopeka, KS//ICF SSW, Sony SRF A100
 HJH-PA HARRY HAYES//Wilkes-Barre, PA//Superadio + Superloop
 RJV-VA ROBERT VANCE//Ft Belvoir, VA//R-390A
 DH-IN DAVE MASCALL//Fortville, IN//DX400 + Sanserino Loop; Superadio
 WPF-IN WENDELL FORD//Westville, IN//ICF-2010
 BES-VA BARRY SHINALL//Cedar Bluff, VA//SX-V300 with factory loop
 GV-PA GEORGE VANISH//Trucksville, PA//Caradio, RF-2600
 KDF-IL KARL FORTH//CHICAGO, IL//IC-R70, HQ-160 + spiral loop, LW
 RUGG-PQ ANDY RUGG//Nuns' Island, PQ//R-390A + LW or *Superadio II or **TRF

GRAVEYARD DX ACHIEVEMENTS UPDATE (all new records)

| 1340: | MN | Rochester | Jeff Tynan | Parker, CO | 705 |
|-------|----|-----------|---------------|----------------|-----|
| KROC | | | | | |
| 1400: | MI | Marshall | Charles Reh | Leamington, ON | 137 |
| WELL | | | | | |
| KEYE | TX | Perryton | Shawn Axelrod | Winnipeg, MB | 947 |

kleven
 COMMUNICATIONS GROUP
 Box 776
 Chicago, IL
 60676

KBHB
 KRCS
 KKOJ
 KKCM


73, Bill

Domestic DX Digest - West

Wayne Heinen

4131 S. Andes Way
Aurora, CO 80013
(303) 699-6335 (prepaid only)
DX Catches in the Western U. S. and Canada, with 24-hr. ELT

Deadlines are on Saturdays

SPECIAL!

- 1470 KNTS TX Abilene
11/16 1806 Ann John Thomas w/Tx Nx, Nat'l spots, 1814 "Money Magazine" then Bus Nx, Calls mentioned between items, Fair to Poor signal (ex-KFQX) (0W-CO)
- 1490 KBOL CO Boulder
11/15 1900 per 0W tip off air. Remained off thru 11/18. Noted back on 11/18 1700 w/ CU STOMPING KS FB game with apparently reduced power. Suffered heavy splash from KDKO-1510. (WH-CO)
- 1570 CFEZ AB Tabor
11/16 0824 Local ads, EZL Mx to 0830 "Easy 1570, CFEZ Tabor" ID and local News. (ex-CKTA) (WH-CO) See also CFUZ in UNID section-ed

Midnight to Midday

- 1490 KGOS WY Torrington
11/19 0105 Noted w/s/off ann no SSB. Relatively easy w/ KBOL apparently on reduced power. (0W-CO)
- 1490 KGOS WY Torrington
11/15 0839 End Wx, Local Spots to Stock report, fair signal (WH-CO)

Midday to Midnight

- 920 KQEO NM Albuquerque
11/14 2323 Mx from 50's, 60's & 70's, "The Oldies Channel 920 KQEO" fair signal NM #42. (JT-CO)

UNID's & UNID's ID'd!

- 1570 CFUZ AB Tabor
Jeff Tynan's UNID Vol 57 #5 This call has also been listed in other sources as CFEZ. They use the slogan's "The New 15-70 EZ" or "Easy AM". (SA-MB)

CONTRIBUTORS

- (SA-MB)- Shawn Axelrod \ Winnipeg, MB
(WH-CO)- Wayne Heinen \ Aurora, CO - R-390A, 4' NRC loop, Radio West TRF-655
(0W-CO)- John Wilkins \ Wheat Germ, CO - R-1000, 2'6" loop
(JT-CO)- Jeff Tynan \ Parker, CO - Sony-2002 w/JT5-B Loop

SuperCountry

WOKJ

P.O. Box 2247
Clinton, MS 39006

1550 AM

CITY QUIZ

John S. Bowker, Valparaiso, IN

QUIZ # 41

Only one city in the United States has stations operating at the five dial positions shown below. Of course, there may be other stations in this city too! Can you spot the city?

850 1100 1220 1420 1540

Here is a hint: it is one of these: Denver, San Francisco, Cleveland.
(The answer will appear at the end of the next City Quiz in DX News.)
The answer to City Quiz #40 Columbus

International DX Digest

Chuck Hutton

983 St. Charles Ave., #1
Atlanta, GA 30306
(404) 892-6211, before 2300 ELT
Foreign DX Catches. Times are UTC; for ELT, subtract 5 hours

Don't blink.... Don't bother to sit down if you are standing up.... Go ahead and read IDXD even if you are late for work, it won't make you any later.....

- 950 CUBA Sancti Spiritus CMGD 11/6 0557 SS talk by man. // CMDI 940. (Townshend)
- 1190 CUBA Yaguajay 11/12 0121 tentative, mx distinctly Cuban. Fair/poor u/WOWO. (Townshend)

Bill Townshend - Washington, DC ICF2010

The following statement is for the year Oct. 1, 1988 through Sept. 1, 1989.

INCOME STATEMENT

| | |
|-----------------------------|-------------|
| Membership Dues..... | \$12,437.48 |
| Domestic Log..... | 7,441.33 |
| Night Pattern Book..... | 117.50 |
| Antenna Manuals I & II.... | 369.50 |
| Receiver Manuals I & II.... | 191.50 |
| Anniversary Book..... | 72.00 |
| Reprints..... | 2,706.78 |
| New Member Book..... | 230.00 |
| Samples..... | 50.00 |
| Beverage Manual..... | 97.50 |
| Audio Service..... | 2,579.95 |
| Loop Manual..... | 194.00 |
| Convention Income (Note 1) | 1,134.66 |
| PA Address Book..... | 465.40 |
| Miscellaneous Income..... | 236.50 |
| Total Income | \$28,324.10 |

EXPENSE STATEMENT

| | |
|--------------------------|-------------|
| Printing | |
| Bulletin..... | \$ 7,151.70 |
| Reprints..... | 1,247.26 |
| New Member Booklet..... | 384.45 |
| Domestic Log-9th Edition | 6,816.47 |
| Antenna Manual..... | 335.92 |
| Administrative..... | 723.04 |
| | \$16,658.84 |

Postage

| | |
|---------------------|-------------|
| Bulletin..... | \$ 6,055.50 |
| Sales..... | 1,221.24 |
| Administrative..... | 1,430.47 |
| | \$ 8,707.21 |

Administrative

| | |
|---------------------------|-------------|
| Telephone..... | \$ 65.27 |
| Supplies..... | 1,134.95 |
| Sales Tax..... | 482.20 |
| Miscellaneous (Note 2)... | 1,583.61 |
| | \$ 3,266.03 |

Total Expenses \$28,632.08

STATEMENT OF INCOME (LOSS OR GAIN)

| | |
|----------------------------|-------------|
| Income (All sources)..... | \$28,324.10 |
| Bulletin/Publication Costs | |
| Beginning Inventory..... | \$ 2,352.96 |
| Printing..... | 16,658.84 |
| Postage..... | 8,707.21 |
| Less Ending Inventory.... | -4,125.15 |
| Net Costs | \$23,593.86 |
| Profit or Loss | \$ 4,730.24 |
| Administrative Expenses | -3,266.03 |
| Net Profit | \$ 1,464.21 |

BALANCE SHEET

| | |
|----------------|-------------|
| Assets | |
| Inventory..... | \$ 4,125.15 |
| Cash..... | 6,058.24 |
| | \$10,183.39 |

| | |
|--------------------|-------------|
| Liabilities | |
| Deferred Dues..... | \$-5,831.93 |
| Net Worth..... | \$ 4,351.46 |

NOTES

- (1) This figure consists of \$712.00 in registrations and \$422.66 auction receipts.
- (2) This includes \$633.61 convention expenses; also \$400.00 advances for operating expenses of the NRC Audio Service (postage and cassettes)

NOTES FROM THE TREASURER

We have been most fortunate in being able to derive additional income from the sale of the Club's many publications in addition to subscriptions to DX News. We are continuing our efforts to keep annual membership costs to a minimum. Your continued support and patronage is appreciated.

Dick Truax
Treasurer-NRC

12 Bankruptcy proceedings silence all-talk radio

By Aldo Santin

Staff at Winnipeg's all-talk radio station CKO were expecting that a conference call Friday morning would squelch rumors that the national network was shutting down.

Instead, the rumor was confirmed. "It all happened real fast," employee Tony Mariani said yesterday.

'Pulled signal'

"The guy was in the middle of his newscast. Boom, it went dead. They pulled the signal off the air."

Mariani, the local station's chief of sales, recalled the events sur-

rounding the 11 a.m. telephone call on Friday.

"It was quarter to 11 and these two guys in suits showed up in the waiting room," he said. "They said they were from (bankruptcy trustees) Deloitte, Haskins and Sells. I asked them what they wanted but they said they couldn't say anything until after the conference call."

"I thought, 'oh, oh.' Then (news and programming manager) Wilf Braun said they were shutting us down."

"Those guys were there to change the locks and let us take our things."

CKO's nine English-language stations abruptly signed off the air at

noon Eastern time, with no explanation. Telephone calls to the chain's Toronto headquarters were answered by a recording saying the office was closed.

The national radio network died after losing \$55 million in 13 years. The Winnipeg station, 99.1 on the FM dial, went on the air in early June.

'Off the air'

Braun said the network's newscast delivered the bad news before head office people did.

"We heard it on our own radio station first," said Braun, 32. "The newscast out of Toronto at 11 a.m. said CKO was going off the air as of noon Eastern Standard Time."

"After the newscast, they pulled

the plug, we went off the air. About five minutes after 11, we received the conference call."

A spokesman for the company that ran CKO blamed the network's demise on consistent losses — including nearly \$1.5 million in the last two months — and the lack of anyone willing to buy it.

Winnipeg Free Press
—via Shawn Axelrod
'The guy was in the middle of his newscast. Boom, it went dead.'

were never told that they would close it down. But I certainly knew that was an option from day one."

"I'm really disappointed," said Michael Vaughan, a former CBC reporter who was leading another group of investors that wanted to buy CKO. "We had a terrific group of people and a well-thought out plan that would have saved it." He declined to reveal the terms of the rejected offer or the other people in his group, other than to say "a lot of them are pretty well known."

Mr. Vaughan is president of Tier One Communications Inc. of Markham, Ont., in which Magna International Inc., a former employer, has a stake.

Cogeco insisted that the bids would have left it on the hook for the existing debt, and Mr. Camroux agreed that there was a risk attached to his group's bid.

He said his group would have had to put new money into the venture, leaving Cogeco or a third party to hold the existing debt in the form of a repayable loan.

Agra closes CKO network after losses top \$55 million

BY DAN WESTELL
and BRIAN MILNER
The Globe and Mail

Agra Industries Ltd. has closed the money-losing CKO all-news radio network, an operation it ran but did not own.

The decision by the Saskatoon-based company leaves 225 employees without work, opens a spot on the dial in nine large Canadian cities, marks the end of a costly 13-year experiment in narrowly targeted radio and presents the federal broadcast regulator with an interesting question.

The closing may put the Canadian Radio-Television and Telecommunications Commission in a difficult position, a media analyst said. There are lots of companies that would like to close down a money-losing station while keeping profitable outlets open.

In announcing the end of CKO, which happened suddenly at noon Toronto time yesterday when the nine stations went off the air, Agra executive vice-president Robert Dittmer explained that CKO had lost \$55-million since it began in 1976. The company was expected to post a loss of \$8-million for this year ending Aug. 31, 1990.

Agra, which ran CKO through CableNet Ltd., had been looking for a savior. Saying it had found none, it will now help employees look for new jobs while the licences are returned to the CRTC.

A CRTC spokesman said yesterday that Agra had not yet formally said it wanted to return its licences.

In deciding to close CKO, Agra has a responsibility to do "the proper and prudent thing," Mr. Dittmer told a press conference. "It was our responsibility to manage the operation and we're carrying that out."

Agra took CKO off the air two months after Cogeco Inc. bought the company that owns CableNet, which in turn owns CKO. But Cogeco, which was attracted by CableNet's 198,000 cable TV subscribers, is not allowed to run the broadcasting operations until the CRTC approves the transfer of the licences.

And no application to transfer the cable licences has been made yet, Michel Carter, the company's vice-president of finance said.

In closing CKO, Agra was dealing with an asset it didn't want. Cogeco has two people on the CableNet board, but Agra has a majority and controls it. "We sought their (Cogeco's) advice and the opinion of their directors," Mr. Dittmer said.

There has been speculation in broadcast circles that the CRTC would have wanted Cogeco to keep CKO alive in return for approving the sale of the cable companies. But Cogeco hopes the commission will see



Toronto Globe and Mail
—via Charles Reh

the two issues as being separate, Mr. Carter said.

Agra "took the (CKO) decision and then consulted with us," while Cogeco — which bought CableNet on Sept. 8 — will apply next week or shortly thereafter to have control of the cable companies changed, he said.

The costs of closing CKO "would increase our price per (cable) subscriber by less than 5 per cent" from the current level of \$1.10, he said.

Mr. Dittmer and Stan Stewart, president of CKO, emphasized that the company had been slowly getting larger audiences, but had not been able to convince advertisers to spend more. "It just eluded us, the capacity to turn our ratings into revenues," Mr. Stewart said.

There had been persistent attempts to sell the operation, they said. But buyers were not interested, even though a narrow-interest station like CKO "continues to seem to us the way of the future in radio," Mr. Stewart said.

As the loss mounted — \$1.5-million in the first two months of the current fiscal year — CKO was closed.

Cogeco did not give the CKO bidders much time, said Chuck Camroux, president of Canadian Radio Networks Inc. of St. Catharines, Ont., and head of a group seeking to buy the network.

The original package had a deadline of a week, which was later extended. But from the time the bids were sought to yesterday's shutdown, would-be buyers had only about three weeks, he said. Mr. Camroux's company provides music programming for 82 stations.

"You don't do due diligence in a week, but we did our damndest," an obviously disappointed Mr. Camroux said.

"We were there right up to the end. We

were never told that they would close it down. But I certainly knew that was an option from day one."

"I'm really disappointed," said Michael Vaughan, a former CBC reporter who was leading another group of investors that wanted to buy CKO. "We had a terrific group of people and a well-thought out plan that would have saved it." He declined to reveal the terms of the rejected offer or the other people in his group, other than to say "a lot of them are pretty well known."

Mr. Vaughan is president of Tier One Communications Inc. of Markham, Ont., in which Magna International Inc., a former employer, has a stake.

Cogeco insisted that the bids would have left it on the hook for the existing debt, and Mr. Camroux agreed that there was a risk attached to his group's bid.

He said his group would have had to put new money into the venture, leaving Cogeco or a third party to hold the existing debt in the form of a repayable loan.

Writing had been on the wall for closedown of CKO

Toronto Star
—via Don Trelford



Radio
Greg Quill
Radio-television Telecommunications Commission, the network was warned that operating licences would be withdrawn if the station couldn't survive financially.

The suddenness of the closing of the CKO Radio network was probably the only surprising aspect of the nine-station system's demise.

The writing has been on the wall for some time for CKO; it has been a losing proposition since it went on air in 1977 and has been unable in the past five years to live up to many of its licence commitments.

Chief among those was the completion of a coast-to-coast network with stations in Winnipeg, Regina, Saint John and St. John's.

They never materialized, despite repeated promises, a strange attempt last year to swap its 99.1 spot on the Toronto FM band for oldies pop station CKY's 590 spot on the AM band, and stern reminders from the federal broadcast regulator.

Part of that survival depended on the \$4 million KEYE was to have paid for the frequency swap, money that would have gone toward filling the four-station gap in the network.

It was only a matter of time before the CRTC shut CKO down, anyway.

CKO was a sorry business proposition from the start; a \$55 million loss is nothing short of spectacular, especially when you

remember the promises of a high-quality, all-day news service that accompanied its launch.

But it was a good idea that should have worked, a dream that never made it to air.

Canadians, as CBC Newsworld is profitably proving, are insatiable gatherers of information.

But CKO, heavily reliant on U.S. news services and obsessed with the style and political bent of American news, never understood the national audience's need for depth, color, objectivity and background.

CKO's bits and pieces were often very good, occasionally perceptive and on the ball, sometimes ahead of the competition. But they were never more than bits and pieces, thrown together with little concern for the demands of breaking news or sports stories; they were info-bits disguised as "news magazine format."

And Canadians simply wanted more.



Stan Stewart: 'It just eluded us, the capacity to turn our ratings into revenues.'

Plug pulled out on all-news radio

11 Edmonton employees *Edmonton Journal*
—via Brian Vernon

DAVID MOLEHOUSE
Journal Staff Writer
and Canadian Press

Edmonton

The 11 employees of CKO Radio in Edmonton were among 225 across the country who lost their jobs Friday following the death of the network.

The all-news radio network lost \$55 million in its 13-year life and its owner was unable to find someone willing to buy it.

Local employees found out in a morning conference call. "We were all called in at 10 a.m. and ... were told that CKO was ceasing operations," reporter Wayne Wood said later.

"We hadn't been expecting this. We knew we were being shopped around — I was told they wanted the meeting to say we'd been sold."

But Bob Dittmer, executive vice-president of Agra Industries of Saskatoon which owned and managed CKO, said all efforts to sell the nine-station English-language news network failed. After CKO lost \$1.5 million in the past two months, there was nothing for it but to pull the plug.

"We have spent \$55 million on CKO (since launching the network in 1976), and we have also many times made contact with other broadcasters to try and interest them in being partners or purchasers," Dittmer said. "But we couldn't attract anyone."

Dittmer said he believed CKO stations were given the best sales and news resources possible.

"Clearly for a commercial enterprise, there's no such thing as unlimited resources, so you do it in a certain framework," he said. "If there had been someone else with a different plan, we were more than willing to listen to that."

"Obviously I'm disappointed this didn't work out. Agra has always felt that it (the all-news format) was a concept on radio in Canada that was going to be the new approach. That's why we stuck with it for so long. Now we're conceding that we can no longer keep trying."

Reporter Wood said CKO reporters also supplied a news feed to clients such as King-FM and other stations; he will continue to

"... I'd have to say there's not much room for all-news in private radio — it was a money-loser right from the beginning."
CKO reporter Wayne Wood

supply that service for a week or two to allow clients to secure alternate news sources.

He suspected all-news radio never found a large enough market in Canada.

"I think there's a public-acceptance issue," he said. "They didn't appear to have a whole lot of listeners. I'd have to say there's not much room for all-news in private radio — it was a money-loser right from the beginning."

CKO's nine English-language stations abruptly signed off the air at noon eastern time with no explanation. Telephone calls to the chain's Toronto headquarters were answered by a recording saying the office was closed.

Dittmer told a news conference CKO's stations in Halifax, Montreal, Ottawa, Toronto, London, Ont., Winnipeg, Calgary, Edmonton and Vancouver are closed and their licences will be turned over to the Canadian Radio-television and Telecommunications Commission, the federal broadcast regulator. All but the Montreal outlet are FM stations.

The network also had FM licences for Regina, Saint John, N.B., and St. John's, Nfld., relics of a never-realized expansion plan.

CKO and its subsidiary Newsradio, a news service for radio stations that was picked up in 1987, employ 225 people. Newsradio will operate until Nov. 24, but will close unless a last-minute buyer can be found.

Dittmer said employees will receive severance packages, but gave no details.

Arrangements for staff termination appeared satisfactory, with promises of all pay, severance packages and re-location and job-placement assistance, WRC said.

A spokesman for the CRTC in Hull, Que., declined comment on the closure, saying the commission is awaiting official notification.

Making the UnID an ID ... by R. J. Edmunds

Part Two

Formats have been around almost since radio began, even though nobody may have known it then. There was a time, long ago, when the definition and identification of radio formats was relatively simple, but, over the years, formats have diversified, merged, split, overlapped, and so on, to the point where it's sometimes hard to keep up with them.

Some formats are relatively easy to deal with, such as all-news, all-sports, classical music, or all-talk. Nearly everybody knows what each of these means, and there would be little disagreement. With others, though, there is confusion. My perception is that there is at least 10, and as much as 40 per cent overlap between any one of the other formats and another. To illustrate, on FM here in Philadelphia, we have 1 station with an oldies format and one with a classic rock format. Both play "oldies", but they only play about 20% of the same music — that which easily fits into both categories. Another plays what is loosely termed progressive rock. It overlaps about 30% with the classic rocker, less than 10% with the oldies station. Then there are three stations with various interpretations of the "soft hits" format. Here, there is much more overlap with each other, but there is still about a 10 to 15% overlap with both the oldies and the classic rocker.

Then we have two loosely "urban contemporary" stations, each of which has up to 25% overlap with each of the three "soft hits" stations, and about 10% with the oldies station. They also have a slight overlap with the one jazz station. In the nearby suburbs, there are at least four so-called quasi-religious outlets programming various interpretations of what each calls "Christian music". Each of these overlaps the soft hits stations by about 10%.

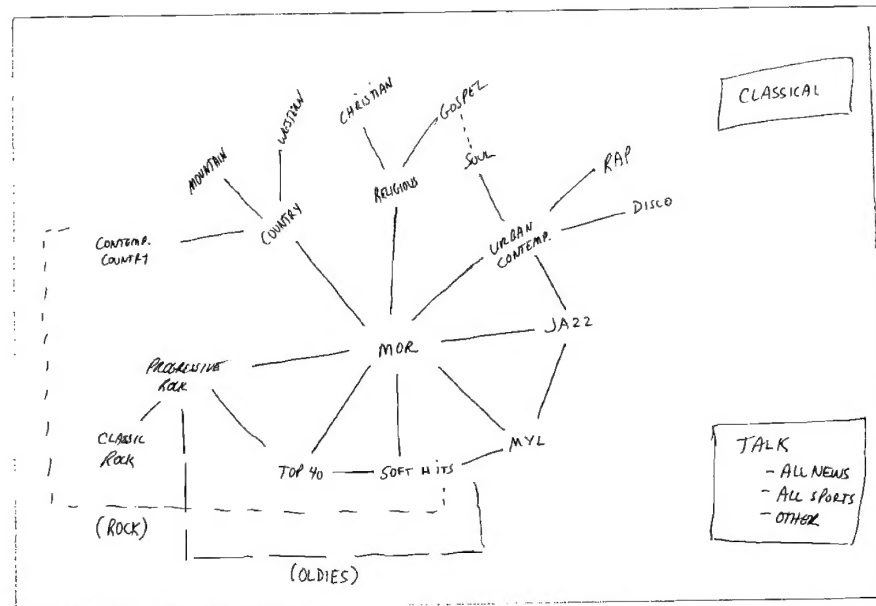
The upshot of this is that it is very hard to present a uniform definition of format, and especially hard when you're doing so in a print medium. The issue which confounds DX'ers in quest of their unIDs is the fact that we typically don't hear enough of the station in question to have any real idea of what format it is running, and, worse yet, when we report to *DX News*, we tend to truncate our reports to the point where it's even less than that, and at that point, it's virtually impossible for anyone to identify.

In the diagram following the text of this segment of the article, is a depiction of my approach to the formats confusion. It is in the nature of a wheel, with various spokes, connected in varying degrees to each other, with the center being perhaps the most all-inclusive format, the time-honored catch-all "Middle of the Road". Again, this is more for illustration than it is for anything else, because, as we already know, most people's interpretations of radio formats are different, anyway.

Further, given that even a relatively small change in the music a station plays may result in a perceived change of format to some listeners, and given that changes of all natures occur almost randomly and with a fairly large frequency, it stands to reason that even the labels presented in such sources as the *NRC Domestic Log* or *FM Atlas* are frequently out of date the moment they're printed! What all of this really means is that in the business of ID'ing unID's, formats are many times inconclusive. Unfortunately, they're all we have to identify programming types. It seems most prudent, however, to use format only in conjunction with other factors, rather than on its own, as a tool to identify your favorite unID.

Now that we've discussed the reference sources needed, and the variability of formats, we can move further toward the process of how best to ID those unID stations. Before we get to that ultimate goal, however, we need to devote some discussion to what that goal actually means.

NEXT INSTALLMENT: When is an ID not an ID ?
or, How do You Know if What You Heard is Real ?



The Answer Man

R. J. Edmunds

753 Valley Road
Blue Bell, PA 19422-2052

"No Question Is A Dumb Question"

Answers to members' questions, from the basic to the technical

Hello, again! It's time for another edition of the Answerman. With this one, we again have a "biggie" to discuss, so, as ERC likes to say, 'Onward, march!'

QUESTION: I have a Nordmende multiband portable which I purchased some years back which now needs some replacement parts. The company is apparently no longer doing business directly with dealers or service outlets in this country, which makes things difficult. Do you have any more information ?

ANSWER: Funny you should ask, because I have exactly the same problem. I've exhausted most of my channels trying to find a lead on this, and even the ham sources haven't helped. Can anyone, either stateside or, perhaps, preferably, across the Great Pond be of some assistance here, either by providing information or to serve as a go-between ? Let me know !

QUESTION: Can you explain just how to use Sunrise/Sunset maps to greatest advantage, along with any other related ideas ?

ANSWER: Yes. We are all aware that as the sun sinks slowly into the west (figuratively speaking, of course -- we all know that the earth revolves about the sun, don't we ?), medium wave propagation is enhanced. For this reason, daytime station allocations were created to allow for maximum numbers of "local" stations nationwide, but with minimal interference. The FCC assigned sign-on and sign-off times for various zones across the country on a month-by-month basis. These zones and times are graphically depicted on the Sunrise/Sunset maps. You will note also, that these zones are not consistent from month to month.

At sunset, therefore, starting from the East Coast, as the evening progresses, more and more daytimers must sign off every

fifteen minutes. If you are DX'ing "behind" the sunset line, you are in darkness or quasi-darkness, working toward that line. Therefore, your local daytimer interference is now removed, allowing you to hear into subsequent westward zones on those channels. Your limitations in this are the available stations with signals strong enough to get to you, adjacent channel interference, and the eventual increasing signals from full-time stations on the same channel due to the improving propagation conditions at night. An added bonus is the fact that as darkness approaches at the transmitter of the DX station, its signal propagation is frequently enhanced, thus increasing your chances of hearing it.

The same situation applies to full-time stations which, by FCC decree (more or less) must either reduce power or change antenna pattern or both at local sunset to reduce interference. When more local stations do this, there may be a "window" for you to catch others in adjacent zones before their changes occur.

If you are DX'ing from west of the sunset line, you miss the advantage of being in darkness yourself, but you are still able to take advantage of the enhancement of signals to the east just before they sign off or change pattern/power. Take heart, however, Westerners, for the advantage at sunrise is yours.

At sunrise, the light moves from East to West, bringing with it successive zones of PSA's, sign-ons, power/pattern changes and diminishing interference from full-timers in that direction. For the Westerner, all of this comes across an area of still-darkness, to the receiver, which is also still in darkness. The Easterner can work only a zone or two in most cases before local interference wipes out any further prospects.

In the cases of both sunrise and sunset DX, however, there are additional opportunities. As can be seen from the maps, each zone is 15 minutes "wide". Stations located near the boundaries of these zones on the "dark edge" will usually experience more enhancement than other stations within the zone. This is because of the zone concept. Local sunrise and sunset are minute-to-minute, but for the purposes of simplicity in the broadcasting industry, not to mention within the bureaucracy which regulates it, the 15-minute zones were created. Each zone is set up so that if a midline were drawn through each zone, the listed quarter hour sign-off time would be accurate, but that stations up to 7.5 minutes before or after would be lumped in.

Further, the actual times of local sunrise and sunset vary daily, but again reality prevailed, and only monthly changes of times and zones were ultimately imposed. Thus, for the stations within a given zone, the day within the month selected to govern the zone for that month would be the midpoint, or the 15th.

We can see, then, that a station may be positioned in such a way as to be closer to the "dark edge" of the zone one month, and therefore enjoy greater darkness-induced propagation enhancement at either sunrise or sunset, and that the DX'er, knowing this, can use it to advantage. Similarly, we can see that knowing that the zones are centered at mid-month, there may be advantages gained by DX'ing sunrise or sunset at the beginnings of some months and at the ends of others, when the median zone time is less reflective of the actual for a given station. In combination, these factors can add up to many loggings which might never be made otherwise, and loggings which might only be in the proper context during a part of one month out of the whole year!

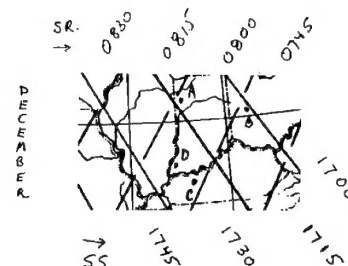
Thus, we can see that careful planning and analysis can indeed enhance the fruits of the DX session. We can see also how it can be that some of the more experienced DX'ers say that they may spend more time plotting out when to look for certain target stations than they actually do listening for them.

NRC AM Radio Log

The most up-to-date listing of domestic MW stations available, anywhere! 200 pages, three-hole punched, \$12.95 each, to U. S. NRC members; \$13.95 Canadian NRC members; others write.

Send orders to Publications Center

The illustration below will hopefully make the prior explanations a little bit clearer:



In December, based on a midpoint of December 15, A's s/off is 1715 EST, as is B's. Actual local sunset at A is 1722 on 12/15, while B's is 1707. Therefore, B's signal path eastward will be in darkness for 15 minutes before A's, and therefore enhanced for that period of time. On December 1, the "window" will be the same between the two, but their respective local sunset times would be advanced by five to eight minutes. On December 31, their local sunset times would be five to eight minutes later than on the 15th. During the last half of the month, A's sign-off time may be earlier than its actual local sunset time, while during the first half of the month, B's sign-off time will be later than the actual local sunset time, thus giving the DX'er an even greater advantage to hearing B during that time. C, being at the midpoint of its zone, offers no advantages, as its s/off time approximates its local sunset time.

At sunrise, both A and C sign on at 0800, but their placement within the zone causes A's actual sunrise time to be later than its s/on, again giving the DX'er an advantage for it over C, whose actual sunrise time is earlier than its s/on time. Also, during the first half of the month, the advantage for A is increased, due to the zone time being based upon mid-month. Similarly, chances for hearing C are reduced. D, being at the midpoint of the zone offers no advantage.

WIMG forced off air

By CHARLES STILE
Staff Writer

LAWRENCE — Local radio station WIMG-AM was forced off the air yesterday after its transmission station in Upper Makefield, Pa., was closed down by township officials because of unsanitary and structurally unsound conditions at the site.

The owner of WIMG-1300 AM, a black gospel radio station, said yesterday that a work crew was expected to repair the facility last night with the hope of resuming its broadcast of gospel music today.

"I'm upset that this has happened," said Bishop L.E. Willis, president of Crusade Broadcasting Co., the Norfolk, Va.-based religious broadcasting concern that purchased WIMG in 1983. WIMG's main office is located on Princeton Avenue in Lawrence.

"This is certainly a letdown," Willis said. "It's tough to keep you're eye on everything when you're in Norfolk."

Upper Makefield officials have pressured WIMG to clean up the site during the past year, said Edward Copper, the township fire marshal.

"The place is a dump," said Copper, who closed down the Lord Sterling Road site yesterday morning. "Without exaggeration, the place is a dump."

Although WIMG has made repairs since it was first cited by the township in August 1988, some conditions remained when officials reinspected the site in June.

Garbage had piled up in one room. The fire extinguisher needed servicing. The housekeeping in the building "was deplorable and unsafe," and the door connecting both rooms in the building was coming off its hinges, Copper said.

Copper's office inspected the building again earlier this month, and identified other problems. The wooden stairs installed last year were wobbly and the handrails were loose. The plumbing did not work and garbage was found again piled in a back room.

Copper informed the radio station Sept. 13 it had until 8 a.m. yesterday to clean and repair the site.

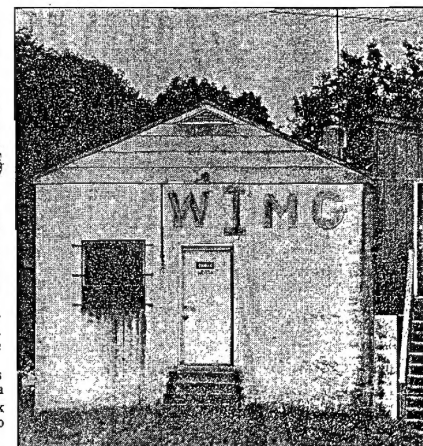
Events leading to yesterday's closing of the facility caused a shake-up in management last week at the radio station, according to Willis.

The deterioration of the transmission site occurred under the supervision of former station manager

73's RJE
Tony Kitheart, who had assured Willis over the summer that a local contractor had conducted the necessary repairs and cleanup at the site, Willis said.

But Willis learned earlier this month that the work had not been completed when another company official toured WIMG facilities.

Trenton Times
-via John D. Bowker



Bandscans

Chris Cuomo

670 Third Avenue
Verona, PA 15147-1349

Audible stations from a DXer's location at given times.

Roger Windsor
Muskegon, MI (lakefront)
October 15, 1989
1pm - 2pm EST
GE Supersadio

530 TIS Holland
540 WYLO Jackson, WI
550 KUSA St. Louis, MO
560 WIND Chicago, IL
570 WNAM Marinette, WI
580 WTCM Traverse City
590 WKZO Kalamazoo,
600 WMT Cedar Rapids, IA
610
620 WTMJ Milwaukee, WI
630 CFCC Chatham, ON
640
650 WSM Nashville, TN
WKKQ Hibbing, MN
660
670 WMAQ Chicago, IL
680 WDFC Escanaba
690 WNZK Westland
700 WLW Cincinnati, OH
710 CHYR Leamington, ON
720 WGN Chicago, IL
730
740
750 WNDZ Postage, IN
760
770
780 WBBM Chicago, IL
790 WSGW Saginaw
800 WDUX Waupesa, WI
810 WJPW Rockford
820 WXEZ Chicago, IL
830 WMMI Marshall
840
850 WKBZ MUSKEGON
860 WNOV Milwaukee
870 WKAR East Lansing,
880
890 WLS Chicago, IL
900
910 WDCR Sturgeon Bay, WI
920 WOKY Milwaukee, WI
930 WRCK Pettie Creek
940 WJCR St. Joseph
950 WJPC Chicago, IL
WKTG Sheboygan, WI
960 WSBT South Bend, IN
970 WHA Madison, WI
980 WCUB Manitowoc, WI
WQXC Otsego
990
1000 WLUP Chicago, IL
1010 WITL Lansing
1020
1030 WNVN Vernon Hills, IL
1040 WHO Des Moines, IA
1050 WLIP Kenosha, WI
1060 WHPB Benton Harbor
1070 WTSO Madison, WI
1080
1090 WKUS MUSKEGON
1100
1110 WMBI Chicago, IL
1120

1130 WISN Milwaukee, WI
1140 WKWM Grand Rapids
1150
1160 WJJD Chicago, IL
1070 WLKE Waupesa, WI
1080 WYLA Diamondale,
1190 WCOW Ft. Wayne, IN
1200
1210 WKNX Saginaw
1220 WKRS Waupesa, IL
1230 WCZU Grand Rapids.
1240 WOMT Manitowoc, WI
unID Chicago, IL
1250 WEMP Milwaukee, WI
1260 WWJQ Holland
1270 WCMR Elkhart, IN
WWCA Gary, IN
1280 WNAM Neenah, WI
1290 WMVP Milwaukee, WI
1300 WOOD Grand Rapids
1310 WIBA Madison, WI
1320 WILS Lansing,
WKAN Kenosha, IL
1330 WHBL Sheboygan, WI
WSSY Evanston, IL
1340 WLAV Grand Rapids
WLZR Milwaukee, WI
1350 WIOU Kokomo, IN
1360 WGEE Green Bay, WI
1370 WOHN Grand Haven
1380 WSEL Beloit, WI
1390 WBCI Chicago, IL
WNLF Charlotte
1400 WRJN Racine, WI
WSJM St. Joseph
1410 WKLH Grand Rapids
WRMN Elgin, IL
1420 WIMS Michigan City, IN
WPLY Plymouth, WI
1430 WICN Ionia
WEEF Highland Park, IL
1440 WNFL Green Bay, WI
1450 WHTC Holland
1460 WBRN Big Rapids,
WBZN Racine, WI
1470 WPKV West Bend, WI
1480 WMAX Grand Rapids
1490 WPRK Whitehall
1500 WKQA Zion, IL
WDEE Reed City
1510 WAUX Waukesha, WI
1520 WKJR NORTH MUSKEGON
1530
1540
1550 WSHN Fremont
1560
1570 WFUN Grand Rapids
1580
1590
1600 WSNX MUSKEGON

KRDG
AM STEREO 1330

POP VIEW/Stephen Holden

On the Road, Radio Echoes The Landscape

ONE OF THE PLEASURES of driving long distances through America—a pleasure that this bus- and subway-bound New Yorker gets to experience all too infrequently—is the rediscovery of popular music on the car radio.

In most travel there is an underlying sense of search. That may be why the romance of twirling a radio dial and catching a drift of voices and music, some from more than a thousand miles off, is keenest on the open road.

For what is pop music but an expression of our basic animal longing? Like the promise of the road itself, music heard on the highway is constantly beckoning and saying goodbye. For as you leave one city, the signals of its stations slowly fade away while those of the next city look in.

If the essential appeal of pop on the highway hasn't changed in decades, the styles of broadcasting are now so formulaic that pop music radio is uncannily homogeneous everywhere. Early last month, I drove with a friend from Denver into western Kansas, then flew to San Francisco and made my way slowly down the coast to San Diego. Whether in the rolling Kansas heartland or on the Golden Gate Bridge, the chattering disk jockeys sounded the same as they excitedly ticked off the countdowns of the week's top 20 hits, with the chart positions varying only slightly from place to place.

That particular week, the one inescapable hit was Gloria Estefan's ballad "Don't Want to Lose You." After two weeks of travel it had so saturated my consciousness that what had at first sounded like a trifling little ballad had grown into an old friend.

"Don't Want to Lose You" is the kind of record I could have become inordinately fond of only by hearing it again and again on a car radio. Its sound is as smooth and regular as a highway on which 70 miles an hour feels like 50. Most of the music is pitched in the middle-range frequencies that the car radios favor. Miss Estefan's voice has a generic familiarity that is pleasantly poignant but not overbearing. Adding to its resonance is its uncanny resemblance to the voice of the late Karen Carpenter, whose steady, controlled alto was one of the two or three most popular car radio voices in the early 1970's. I miss Karen Carpenter. And in the link between the two voices, I found the wistful consolation of community.

In fact, my romantic feelings about traveling and American pop have hardly changed since my parents took me on my first vacation from New Jersey to Niagara Falls and Vermont in the early 1950's.

A car radio in those days was a luxury my parents chose not to have. And in those fading days of network radio, disk jockeys were still a rarity

on the airwaves. The jukebox was the thing. Just as surely as today's Top 20 countdowns suggest that all America is listening to the same handful of hits, in the early fall of '51 the same few songs jangled out of jukeboxes wherever we stopped. That season's novelty sensation happened to be Rosemary Clooney's hit, "Come on a My House." On the record, to the accompaniment of an excited harpsichord, Miss Clooney, affecting an Italian accent, promised exotic goodies to anyone who might visit her. As much as the sight of Niagara Falls, the memory of "Come on a My House," which was ubiquitous in every diner, defined that vacation and the sense of a cheerful national mood.

If the current mood of America could be assessed based entirely on sounds heard on a car radio, I would call it complacent and deeply nostalgic. Rap music may be selling millions of records, but it has not yet made much headway on the nation's airwaves. The three music formats I could count on finding almost anywhere on the road were Top 20 hits, oldies radio and adult contemporary stations featuring "lite" music (pop-rock and pop-soul ballads from more than two decades). Most of the hit radio stations liberally interspersed the current hits with oldies, and on some stations, the balance between new and old seemed to be 50-50.

As much as I learned to look forward to Miss Estefan's hit, and to Milli Vanilli's "Girl I'm Gonna Miss You," and Soul to Soul's "Keep on Movin'," the general quality of today's hit singles seemed distressingly shoddy, even by the very limited

standards of pop radio. Even after many repeated listenings, most of the current hits failed to charm: Warrant's bombastic metal balled "Heaven," New Kids on the Block's twittier "Hangin' Tough," the terminally bland "Shower Me With Your Love," by a group called Surface, and Cher's tinnily melodramatic "If I Could Turn Back Time."

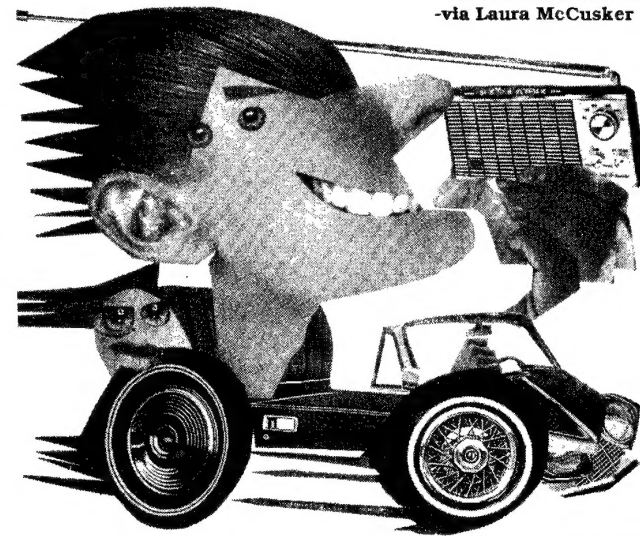
The decline in the quality of pop radio is partly attributable to the decline of the single. Since the late 1970's, the sales of singles has plunged precipitously. The Warner labels recently announced that they would phase out the seven-inch vinyl single next year. As the commercial importance of the single has declined, so has its esthetic. Hit singles used to be thought of as generational anthems. Now they are more like disposable environmental music. For record companies, singles are seen as marketing tools for albums and no longer as commercial end products.

As the quality of Top-20 pop has declined, radio programmers and disk jockeys have begun to pay less personal attention to what they play, as long as it fits their formats and satisfies their market research. Especially on stations that feature urban dance-pop, it has become convenient not to break the flow of music and commercials by announcing the titles of records being played, hence the sticker one finds on more and more albums: "When you play it, say it."

Driving around America, it also struck me that the homogenization of today's pop hits into sounds so bland that they don't demand identification seemed to reflect the landscape. The roadside, even in Kansas, has been homogenized by McDonald's and other franchises in a way that makes every town look more or less like every other one. Though this kind of homogenization is routinely decried as turning the country into one vast junky wasteland of fast-food outlets and faceless hostilities, I still find something consoling in the uniformity of it all.

America may be a quarrelsome cacophony of competing voices, but driving around the country, everyone who turns on the radio can hear the same songs and dream the same shallow dreams.

The New York Times
-via Laura McCusker



Musings of the Members

Thoughts from NRC members... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Al Muick, Jr.
3500 Woodchase, #1310
Houston, TX 77042
Times are local per Muse.

Dear Paul:

At your urging I am submitting my first Musing contribution to introduce myself. I have been a member of both N.R.C. and I.R.C.A. for about three years. I use a Sony 2010 with a Radio West Great Little Loop for my B.C.B. DXing and am constantly looking for ways to add on equipment to improve sound quality: filters, equalizers, etc. I started DXing in the early 50's when my parents gave me a Hallicrafters S-38C as a present. However, I kept no records and then abandoned the hobby. Personally, my wife, Joan, and I have been married for 27+ years and we have one son in school at UW-Oshkosh in radio and TV production, and another son, Fred, who graduated from UW-Madison, was commissioned an ensign in the United States Navy, and is attending Communications School in Newport, RI, prior to reporting to his ship based in Norfolk. He will be communications officer on the U.S.S. McCandless (FF1084).

I am 57 years old and have been in public education as a teacher and high school principal since 1957. I am currently principal of Oshkosh West High School in Oshkosh, WI, where I have been since 1979. We have also lived and worked in Colorado and Illinois.

I do not QSL and my total stations identified is 375. I recently obtained a Radio Shack TM152 AM stereo tuner and am still looking for a Sony SRF A100.

I will accept technical advice from anyone as that side of radio baffles me.

WYNZ 73's AM

WYNZ

73's

John M. Sheehy
1240 Maricopa Drive
Oshkosh, WI 54904

Broadcasting
-via Jerry Starr

New FCC looks at broadcasting's oldest medium

In effort to reverse declining fortunes of AM radio, commission hearing explores expanded band and approaches to making AM competitive with FM

Perhaps the single most contentious issue of the day at the FCC's on-banc hearing on technical improvement of the AM band was the coming expansion of the AM band from 1605 kHz to 1705 kHz. Proponents of home-steading the new spectrum with existing daytime-only AM stations that would convert to full time had appeared to have a strong chance for success before the hearing. But other groups looking for licensing preference for new stations in the expanded band, minority-owned broadcasters and public broadcasters, made a strong appeal. The day-long hearing last Thursday (Nov. 16) was a chance for the three new commissioners to become familiar with band expansion and every other technical issue facing the ailing AM industry today. At the outset of the hearing, FCC Chairman Alfred Sikes said he was committed to reversing the declining fortunes of the oldest broadcast medium and "make sure AM is what AM can be."

By the end, he did not lack for ideas. Two dozen witnesses with a stake in AM delivered thorough oral and written testimony sometimes conflicting proposals for improving the technical quality of AM and making it competitive with FM.

But neither Sikes nor the other three commissioners gave much of a clue on what the agency would do with the ideas other than give them due consideration.

"Hopefully, we will both see the need to move swiftly, and...because of what you have brought to us we can move more thoughtfully," said Sikes.

John Abel, executive vice president, operations, National Association of Broadcasters, painted what he called a "stark financial picture" for the AM service, using information from financial surveys spanning the last 10 years. "The average fulltime AM station has moved from a five-figure profit number to a net loss for the year while the average daytime operation has also moved from a four-figure profit to a net loss," he said.

According to a study by Hoffman/Schutz Media Capital, Abel said, the average price of AM stations has dropped an average of 4% a year, while that of FM stations has jumped 20% a year.

"Many AM broadcasters are asking themselves: 'With a financial picture like this, are we better off running this business or putting our money into CD's that pay a 9% return?'" Abel said.

On the other hand, Lowry Mays, president and chief executive officer, Clear Channel Communications, said he had a "vision" of where the AM improvements will lead. "My vision is to have an AM band that is technically competitive with FM. I want to foresee a time when we can take pride in our AM band...and I want to know that the success of my investment in AM broadcasting will depend on my own efforts, not those of outmoded government technical policies."

The NAB, at whose urging the FCC organized the hearing, had the longest wish

list. The list calls on the FCC to:

- Recommend adoption of Representative Matthew Rinaldo's (R-N.J.) H.R. 2714, a bill requiring, among other things, that new radios receive AM and FM bands and that new FM stereo radios receive AM stereo as well.
- Tighten up technical standards, especially the protection ratio for interference from stations on first adjacent channel.
- Allow AM daytimers to "homestead" the expanded AM band (1605 kHz-1705 kHz) that is going to open up next year.
- Permit the consolidation of AM stations.

■ Adopt rules and policies that will allow for the swift introduction of promising new antenna designs.

■ Conduct a study of nonbroadcast, man-made interference to AM (e.g., power lines, lighting, computers, electric motors) and take steps necessary to limit it.

The FCC could start by taking immediate action on four pending rulemakings that would tighten technical standards, he said. As the new standards are gradually implemented over the years, they would mitigate interference among AM stations, said William Sanders, president and owner, KICD-AM-FM Spencer, Iowa.

The FCC should also launch a rulemaking to adopt a more stringent standard for what is acceptable interference from stations on first adjacent channels. Today's standard, or so-called protection ratio, "insufficiently protects AM stations," he said. "The service areas, coverage maps and all other estimates of AM service based upon the current...[standard] falsely portray AM

coverage," he said.

Sanders also reiterated the NAB's arguments for its proposal to make the expanded AM band available for "homesteading" for AM daytimers. Under the proposal, daytimers would be given a strong preference for channels in the band when the FCC begins parceling them out next year, and would be allowed to simulcast on their old and new channels for a set number of years while expanded-band radios proliferate.

Sanders said homesteading would relieve congestion in the band, give the daytimers an opportunity to provide full-time service and "be one of the easiest ways to initiate service on the expanded AM band."

During former FCC Chairman Dennis Patrick's administration, the main alternative plan to daytime homesteading was a plan for nationally licensed operators in the expanded band. Not a word was said about national licensing during last week's hearing. But pleas for preference to minority and noncommercial broadcasters became major obstacles to the homesteading plan.

"This is an agency which has social as well as technical obligations.... There is no higher priority facing this agency today than to address the historical and continuing underrepresentation of minorities in broadcast station ownership," said attorney David Honig, representing the National Black Media Coalition. "The way that I believe that AM radio can best meet the needs of minorities is if minorities and women are granted use of the expanded band," said Dorothy Brunson, a black woman who is president of Brunson Communications, an owner of three full-time AM stations.

Honig proposed two possible methods to introduce minority preference in expanded-band allocations. A "big bang" approach would be to set aside half the new allocations for minority licensees only. Set-asides would ease the sometimes great expense that minority applicants must pay for representation in comparative hearings, Honig said. He admitted that recent court decisions have called into question the constitutionality of such set-asides, but said the courts have also said "that if there is a compelling state interest and if the program that is adopted by a state or federal agency is narrowly tailored to meet those objectives, it will be constitutionally acceptable."

James Winston, speaking for the National Association of Black Owned Broadcasters, said NABOB agreed with Honig's big-bang approach in spirit, but that "as a practical legal matter, our view is that you probably need some assistance from Congress to have set-asides in that area. We intend to speak to Congress about that."

As an alternative, both Winston and Honig suggested what Honig called the "little-bang" approaches. "Minority ownerships should be given greater weight than all other factors in comparative hearing evaluations. If lottery proceedings are used for awarding licenses in the expanded band, minority applicants should be given at least one-fourth of the chances for winning each lottery in which one or more minority applicants are involved," Winston said.

Meanwhile, another group looking to es-

tablish stations in the expanded band is public broadcasters. The spectrum in the FM band set aside for noncommercial stations has become congested and is made more scarce by FCC efforts to avoid interference with TV channel 6 in several markets, said Paul Symczak, vice president and general counsel, Corporation for Public Broadcasting.

"I think it would be good public policy for the commission to set aside 20% of the allocations to serve communities that do not have public radio service," said Tom Kigin, vice president, Minnesota Public Radio. But at the same time, he said an even higher FCC priority should be to provide current AM broadcasters with larger protected coverage areas. "Having a larger

The average price of AM stations has dropped an average of 4% a year, while that of FM stations has jumped 20% a year.

number of stations providing a larger number of voices to groups or communities, I think, might be a false promise to those people because we're just not going to be able to get listeners to them," Kigin said.

Not one at the meeting challenged the minority or public broadcasting representatives' arguments directly. But daytime homestead advocates stressed the technical improvement aspects of their approach. "At the risk of being misunderstood, there are a lot of problems that you could address," said Ted Snider, owner of KARN(AM) Little Rock, Ark., and former NAB joint board chairman. "The daytimers have problems, there are certainly problems that minorities have in ownership, and the educational public radio people have problems. But this is a technical problem that we need to address, and we need to isolate it."

AM daytimers tend to provide more public service programming than any other type of radio station and in some radio markets is the only source of local news, said John Quinn, owner of WJDM(AM), a daytime station in Elizabeth, N.J. And yet that type of programming, which people rely on, often signs off at sundown.

"Today's hearing will be very successful if it results in further endorsement by this commission of AM broadcast quality," said another daytime operator, Jim Johnson, president, WDAQ(AM) Dayton, Ohio. Daytimer homesteading of the expanded band would be a step in that direction, he said. Without relief of that type resulting in nighttime hours for daytimers, "we will ultimately probably end up going out of business," he said.

Both Sikes and Onelio said that a band expansion rulemaking will be a high priority for the FCC and agreed to do whatever they could to convince the State Department to move on the AM treaties.

Discussions on AM receivers were also a source of controversy. Art Suberbielle, president and general manager, KANE(AM) New Iberia, La., said the provision of H.R. 2714 requiring manufacturers to make FM

stereo radios capable of receiving AM stereo would speed the introduction of AM stereo service. Such a provision would also preserve the "integrity and usefulness" of both bands. "This is especially important for car radios, since nearly 28% of radio listening is done while driving."

Everyone who testified thought that AM stereo is a key to bringing back AM, although none, in response to an inquiry from Qello, could produce any evidence of a station turning its financial fortunes around by beginning to broadcast in stereo. "I don't think we have any examples of somebody who was failing...and then became a success because of stereo," said Motorola's Frank Hilbert.

Most blame the failure of the FCC to set a standard for AM stereo and the resulting market confusion for the slow implementation of the stereo. The FCC had decided to leave the selection of a standard to marketplace forces. Hilbert urged the FCC to start a proceeding to select a stereo standard. "The marketplace approach to picking a standard is working, but not fast enough," he said.

Thomas Friel, group vice president, Consumer Electronics Group, Electronics Industries Association, seconded Hilbert's call, saying the FCC should either set a standard or, as it did for Zenith's stereo sound for TV, protect the pilot tone of one of the competing systems. "This approach...has the advantage of being less likely to spawn litigation [with the associated expenses and delays] and of not foreclosing alternative approaches now or in the future."

Qello, who believes broadcasters and receiver manufacturers should simply adopt the C-Quam system, said he does not advocate that the FCC select a standard at this time. "If we adopted a standard, we would be in litigation for three years," he said.

(Leonard Kahn of Kahn Communications was not invited to testify, but he submitted testimony saying the FCC marketplace approach is working "magnificently" and had rejected Motorola's C-Quam system. "Given the facts that [Motorola] is a multi-billion-dollar firm, has staked millions of dollars on its system, risked its reputation and has drawn upon its close relationship with its major customers, car manufacturers, it is astonishing that their total progress in seven years has been to convince only some 500 stations, about 10% of the market, to use their system.")

By requiring manufacturers to incorporate AM stereo into all FM stereo radios, Suberbielle said, H.R. 2714 would also force them to decide on an AM stereo system. As a consequence, he said, "the legislation would spur the marketplace decision by setting a deadline for the market to act."

The receiver manufacturers opposed any legislation requiring them to incorporate AM tuners in all FM radios and AM stereo tuners in all FM stereo radios. "Such requirements would limit consumers' choices, increase the prices of radios and deliver no corresponding public benefit," said EIA's Friel. Hilbert said Motorola is against "mandating [radio] features except as a last resort. The marketplace is best for determining market features."

-HAJ, RMS

The Milwaukee Journal -via Mike Knitter

Washington, D.C.—AP— The next two to three years will see record or near-record levels of the solar activity that disrupts radio communications and satellite operations, a scientist predicts.

"We are approaching the peak of the sunspot cycle," said Joe H. Allen of the National Oceanic and Atmospheric Administration. He predicted the sunspot will peak next February, followed by solar flares that will reach their maximum one or two years later and magnetic storms at a high a few years afterward.

The sun is about three years into its 11-year cycle of activity and, Allen said, the February prediction

comes from analysis of the previous 21 solar cycles.

Already this year, the sun's activities have been at levels not reached since the late 1950s when the first satellites were put in orbit.

The activities began in March when a flare 36 times the size of Earth's possibly the largest ever recorded—shot out from the sun.

"In March, some low-altitude satellites went tumbling in orbit, some stationary satellites lost some of their communications ability," said Allen in an interview. NOAA's own GOES 6 weather satellite lost one of its communications channels in August. Allen said August solar activity signaled that of 1972, a landmark

high. "The September event was larger," he added, "and the October one was so much larger that it made us forget September."

Solar flares affect the technical systems that support modern society by disorienting satellites in orbit, halting high-frequency radio communications and increasing the radiation level at altitudes flown by the Concorde supersonic airplanes.

"The operational life of some satellites undoubtedly has been reduced by recent solar activity," Allen said. That occurs because satellites become disoriented and use up irreplaceable on-board fuel to get back into proper operating attitudes.

Solar static
might fuzz
radio waves

KLO
1430

We are in need of the following station's addresses. Look thru your latest veries, phone book or listen to the station for their address. Then once you've done that send that info to the NRC Headquarters. Thanks.

| | | | |
|---------|------|---------------------|----|
| SS Freq | Call | Location of Station | ST |
| SX 1600 | KSSA | Dallas | TX |
| NW 1120 | KTCO | Manor | TX |
| 1560 | KTXZ | West Lake Hills | TX |
| CP 1210 | KUBR | San Juan | TX |
| 1440 | KXAM | Helotes | TX |
| SA 1290 | KXXT | Kerrville | TX |
| SX 1520 | KYND | Houston | TX |
| 1490 | KZZN | Littlefield | TX |
| 1120 | KANN | Roy | UT |
| NW 1290 | KKZN | Kanab | UT |
| 1250 | KNEU | Roosevelt | UT |
| NW 780 | KRDA | Springville | UT |
| NW 1490 | KSKJ | Salina | UT |
| NW 1160 | WCBX | Fieldale | VA |
| NW 1530 | WDAW | Haymarket | VA |
| SA 810 | WKNV | Dublin | VA |
| CP 840 | WKTR | Earlsville | VA |
| NW 890 | WLJD | Falmouth | VA |
| NW 840 | WLPY | Purcellville | VA |
| CP 1180 | WNDT | Danville | VA |
| NW 1290 | WRFS | Garrisonville | VA |
| 1170 | WVZN | Lynchburg | VA |
| 1340 | KAPA | Raymond | WA |
| 1560 | KFRS | Sumner | WA |
| CP 1520 | KJSM | Sequim | WA |
| 1300 | KMPS | Seattle | WA |
| NW 740 | KSPD | Dishman | WA |
| NW 720 | KSWX | Long Beach | WA |
| AP 810 | KTBI | Ephrata | WA |
| CP 1500 | KVSN | Tumwater | WA |
| 930 | KZTA | Union Gap | WA |
| 1600 | WZUN | West Richland | WA |
| PD 1050 | WAMN | Green Valley | WV |
| NW 1570 | WMSP | Elk Hills | WV |
| NW 940 | WRRD | Blennerhassett | WV |
| NW 1030 | WTGR | Point Pleasant | WV |
| PD 880 | WMNE | Memomorie | WI |
| NW 840 | WTLI | Plover | WI |
| AP 990 | WRRS | Mayville | WI |
| NW 1550 | KIRB | Saint Stephens | WY |
| NW 610 | WEXS | Patillas | PR |
| 1500 | WMNT | Manati | PR |
| SX 1580 | WMTI | Arecibo | PR |
| SX 1580 | WMTI | Arecibo | PR |
| SX 1580 | WMTI | Manati | PR |
| SX 1580 | WMTI | Manati | PR |
| CP 1130 | WDIZ | Guayanilla | PR |
| CP 1020 | WPJC | Adjuntas | PR |
| 1520 | WRAI | San Juan | PR |
| NW 890 | WRRE | Cieba | PR |
| 1560 | WRSJ | Bayamon | PR |
| 1090 | WIBS | Charlotte Amalie | VI |
| NW 1340 | CFHC | Banff | AB |
| NW 850 | CKBA | Athabasca | AB |
| NW 530 | CKHL | High Level | AB |
| 1340 | CINL | Ashcroft-Cache Crk | BC |
| 870 | CKIR | Invermere-Windemere | BC |
| 1490 | CKOD | Oliver | BC |
| 640 | CFGM | Toronto | ON |
| 1340 | CKRE | Red Lake | ON |
| 540 | CBGA | New Carlisle | PQ |
| 1150 | CHGM | Gaspé | PQ |
| 1230 | CJLP | Disraeli | PQ |



NOTICE OF SALE BY TENDER IN THE MATTER OF THE BANKRUPTCY OF:

RADIO DRUMMOND (1980) LTÉE
2070 St-Georges St.
Grantham-Ouest, Québec
J2C 5G6

Coopers & Lybrand Limited, in its quality as trustee in the bankruptcy of Radio Drummond (1980) Ltée offers to sell by tender the assets of the company as a going concern or for the assets separately.

DESCRIPTION OF ASSETS

A RADIO STATION (CHRD)

Operating on AM frequency in the Drummondville, Quebec area, including the following assets:

- Land and building located in Wickham, Quebec.
- Transmitters and antennas
- Land and building located in Grantham-Ouest, Quebec
- Technical equipment
- Office equipment and furniture
- Computer equipment
- Rolling stock

These assets have a total value at an approximate cost of \$1,300,000.

Tenders will be received at the office of the trustee, Coopers & Lybrand Limited, 1170, Peel Street, Montreal, Quebec, H3B 2T4, until 11 A.M., Wednesday, October 25, 1989. Tenders must be sealed and the envelopes identified on the face "Tender - Radio Drummond (1980) Ltée."

INSPECTION OF ASSETS

Assets may be inspected between October 10 and 20, 1989 by appointment only, by contacting Mr. Gerald Lewis or Mr. André Cicioli of the office of the trustee, at (514) 876-1520. Copies of the inventory listing will be available at the inspection of the assets, at the expense of the tenderer.

CONDITIONS OF SALE

All tenders and sales shall be subject to the conditions and details of Section 114(8) of the Bankruptcy Rules, as amended by the trustee. These conditions and from an integral part of the call for tenders and of the tenders. It is the tenderers responsibility to obtain said conditions and details from the trustee.

OPENING OF TENDERS

Tenders will be opened Wednesday, October 25, 1989 at 11 A.M. at the office of the trustee in presence of the inspectors of this estate and a representative from the official receiver office.

COOPERS & LYBRAND LIMITED, TRUSTEE

-via Andy Rugg

Sebastian Iannillo, C.A.
Estate Administrator

**Coopers
& Lybrand
Limited**

trustee in bankruptcy
receiver and manager
agent for secured creditors

1170, Peel Street
Suite 330
Montreal (Quebec)
H3B 4T2
(514) 876-1520

National Radio Club

I'M Station Address Book

3rd Edition

Copyright 1989 MCK, National Radio Club
P.O. Box 24, Canby, WI 53523-0024

I'M STATION ADDRESS BOOK

3rd Edition
ONLY \$9.95

Canada US\$10.95

- * INCLUDES CANADA STATIONS!
- * 8 1/2 x 11"
- * FULL SIZE TYPE
- * LISTED BY STATE, BY CITY

ORDER FROM:

NRC PUBLICATIONS CENTER
P.O. BOX 164, MANNSVILLE, NY 13661

Order by Phone: (608)423-4159 7PM-11PM Eastern Local Time [NO COLLECT CALLS]
USE YOUR VISA OR MASTERCARD

or Mail this form to:

NRC Publications Center, P.O. Box 164, Mannsville, NY 13661.
Foreign Orders write for correct pricing.

Name _____

Address _____

City _____ State _____ Zip Code _____

Need to renew? Expired? The
mailing label will tell you.

Yearly Subscription (30 Issues) to DX News: U. S. Address: New Subscriber - US\$24.00.
Renewals - US\$22.00. Canadian Address: New Subscriber - US\$25.00. Renewals:
US\$23.00. Mexican and Caribbean Addresses: New Subscriber - US\$29.00. Renewals -
US\$27.00 All Other Countries: New Subscriber - US\$36.00. Renewals - US \$34.00
Checks or money orders should be made out to:
National Radio Club